

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
 Data File : VN087199.D
 Acq On : 26 Jun 2025 17:15
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 27 05:20:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:16:47 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 06/27/2025
 Supervised By :Mahesh Dadoda 06/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	144588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	302562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	149054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	10413	5.004	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.000%		
35) Dibromofluoromethane	8.171	113	8351	4.269	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	8.540%		
50) Toluene-d8	10.565	98	36734	4.541	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.080%		
62) 4-Bromofluorobenzene	12.847	95	12425	4.426	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	8.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	10890	6.010	ug/l	91
3) Chloromethane	2.401	50	10710	6.054	ug/l	99
4) Vinyl Chloride	2.554	62	10782	5.640	ug/l	91
5) Bromomethane	2.989	94	5863	5.715	ug/l	96
6) Chloroethane	3.148	64	6193	6.200	ug/l	99
7) Trichlorofluoromethane	3.536	101	14269	6.268	ug/l	98
8) Diethyl Ether	3.977	74	6740	6.656	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.400	101	11242	4.443	ug/l	96
10) Methyl Iodide	4.618	142	5512	3.889	ug/l	93
11) Tert butyl alcohol	5.536	59	13469	29.379	ug/l #	88
12) 1,1-Dichloroethene	4.365	96	11075	6.530	ug/l	97
13) Acrolein	4.200	56	10914	28.872	ug/l	99
14) Allyl chloride	5.053	41	17327	5.389	ug/l	98
15) Acrylonitrile	5.742	53	38528	24.039	ug/l	99
16) Acetone	4.453	43	33850	21.376	ug/l	97
17) Carbon Disulfide	4.736	76	33651	4.072	ug/l #	94
18) Methyl Acetate	5.047	43	15527	5.292	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	35793	6.127	ug/l	97
20) Methylene Chloride	5.300	84	13073	5.483	ug/l	96
21) trans-1,2-Dichloroethene	5.812	96	12009	6.384	ug/l	89
22) Diisopropyl ether	6.689	45	36065	5.971	ug/l	97
23) Vinyl Acetate	6.618	43	154103	28.531	ug/l	98
24) 1,1-Dichloroethane	6.583	63	21235	5.953	ug/l	97
25) 2-Butanone	7.500	43	33873	21.472	ug/l	97
26) 2,2-Dichloropropane	7.500	77	13897	4.901	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	10327	4.722	ug/l	93
28) Bromochloromethane	7.818	49	7245	4.620	ug/l #	95
29) Tetrahydrofuran	7.853	42	22040	21.309	ug/l	99
30) Chloroform	7.977	83	16576	4.926	ug/l	89
31) Cyclohexane	8.259	56	17207	5.342	ug/l	88
32) 1,1,1-Trichloroethane	8.177	97	14531	5.026	ug/l #	53
36) 1,1-Dichloropropene	8.377	75	11602	4.049	ug/l	97
37) Ethyl Acetate	7.571	43	14036	1.580	ug/l	97
38) Carbon Tetrachloride	8.365	117	12254	4.391	ug/l	89
39) Methylcyclohexane	9.606	83	16771	4.798	ug/l	90
40) Benzene	8.612	78	36450	4.117	ug/l	95

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 ClientSampleId :
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Quant Time: Jun 27 05:20:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Manual Integrations
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Reviewed By : John Carlone 06/27/2025
 Supervised By : Mahesh Dadoda 06/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	6868	3.663	ug/l #	93
42) 1,2-Dichloroethane	8.677	62	13455	4.675	ug/l	97
43) Isopropyl Acetate	8.694	43	22325	4.238	ug/l	99
44) Trichloroethene	9.359	130	10853	5.120	ug/l	89
45) 1,2-Dichloropropane	9.624	63	11803	5.172	ug/l	97
46) Dibromomethane	9.706	93	8094	5.234	ug/l	95
47) Bromodichloromethane	9.888	83	16259	5.235	ug/l #	96
48) Methyl methacrylate	9.682	41	12128	4.762	ug/l	97
49) 1,4-Dioxane	9.712	88	3131	85.903	ug/l #	88
51) 4-Methyl-2-Pentanone	10.453	43	81112	18.876	ug/l	96
52) Toluene	10.629	92	27193	4.805	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	16852	4.866	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	18059	4.901	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	10558	4.933	ug/l	97
56) Ethyl methacrylate	10.888	69	13372	3.119	ug/l	94
57) 1,3-Dichloropropane	11.165	76	18905	4.999	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	43816	18.857	ug/l	97
59) 2-Hexanone	11.229	43	58150m	24.815	ug/l	
60) Dibromochloromethane	11.359	129	11406	4.900	ug/l	95
61) 1,2-Dibromoethane	11.471	107	10896	4.816	ug/l	96
64) Tetrachloroethene	11.106	164	8751	5.164	ug/l	93
65) Chlorobenzene	11.894	112	31770	5.174	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	9966	5.081	ug/l	98
67) Ethyl Benzene	11.965	91	50524	4.933	ug/l	99
68) m/p-Xylenes	12.065	106	36956	9.431	ug/l	97
69) o-Xylene	12.394	106	13529	3.798	ug/l	93
70) Styrene	12.412	104	24461	4.001	ug/l	99
71) Bromoform	12.576	173	7075	4.860	ug/l #	94
73) Isopropylbenzene	12.694	105	43153	4.277	ug/l	99
74) N-amyl acetate	12.641	43	19124m	5.129	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	18032	4.962	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	15814m	4.510	ug/l	
77) Bromobenzene	12.982	156	11527	4.701	ug/l	98
78) n-propylbenzene	13.035	91	55583	4.472	ug/l	100
79) 2-Chlorotoluene	13.123	91	34860	4.506	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	37462	4.497	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	6732	4.543	ug/l	97
82) 4-Chlorotoluene	13.218	91	36088	4.679	ug/l	99
83) tert-Butylbenzene	13.435	119	33464	4.677	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	39118	4.628	ug/l	99
85) sec-Butylbenzene	13.612	105	50663	4.806	ug/l	100
86) p-Isopropyltoluene	13.723	119	40612	4.697	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	24321	4.929	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	26400	5.203	ug/l	94
89) n-Butylbenzene	14.053	91	38794	4.829	ug/l	97
90) Hexachloroethane	14.335	117	8080	4.829	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	22538	4.849	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	4116	4.961	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	12744	4.925	ug/l	99
94) Hexachlorobutadiene	15.494	225	4398	5.388	ug/l	96
95) Naphthalene	15.635	128	43669	4.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	12641	4.948	ug/l	99

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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

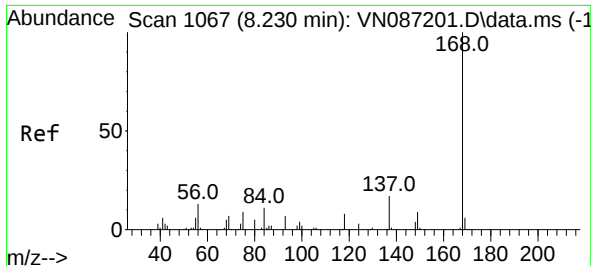
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

Quant Time: Jun 27 05:20:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 2025
Response via : Initial Calibration

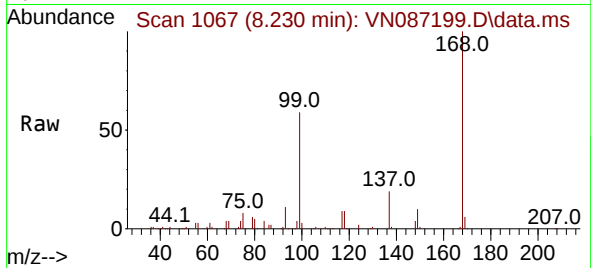
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

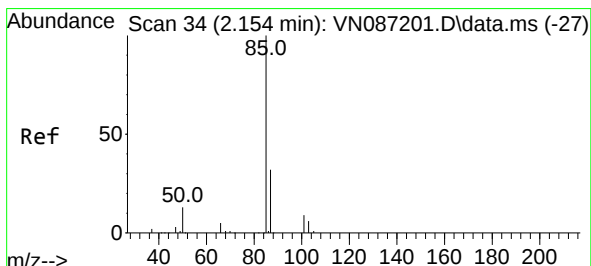
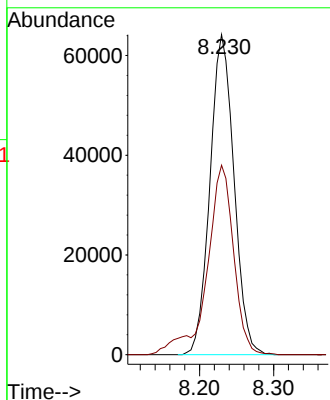
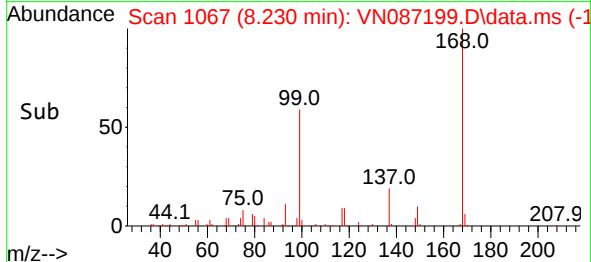
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:168 Resp: 144588
Ion Ratio Lower Upper
168 100
99 59.2 47.9 71.9

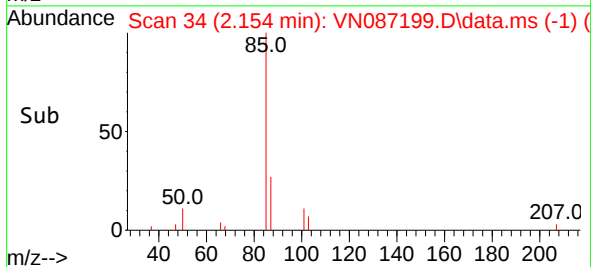
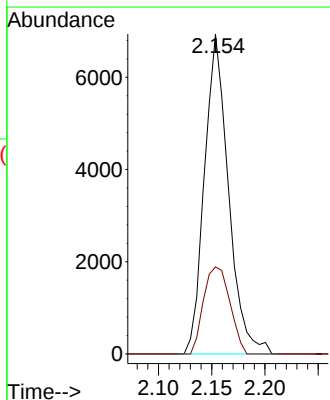
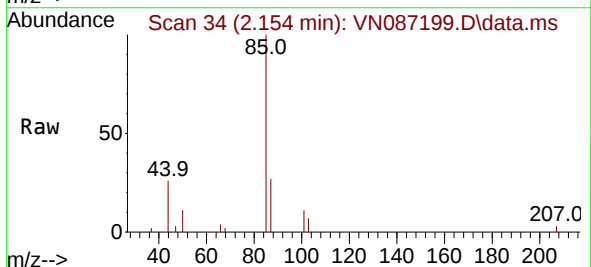
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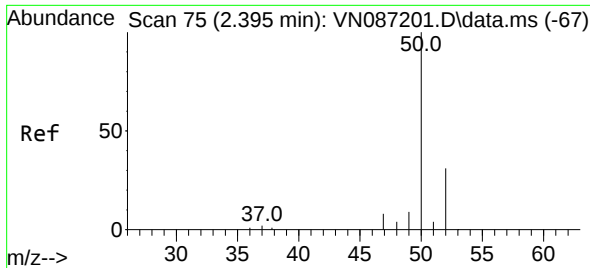
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#2
Dichlorodifluoromethane
Concen: 6.010 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Tgt Ion: 85 Resp: 10890
Ion Ratio Lower Upper
85 100
87 27.2 16.1 48.3





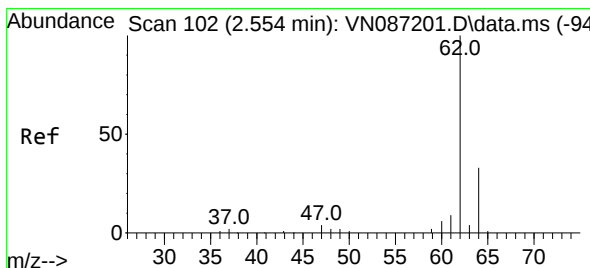
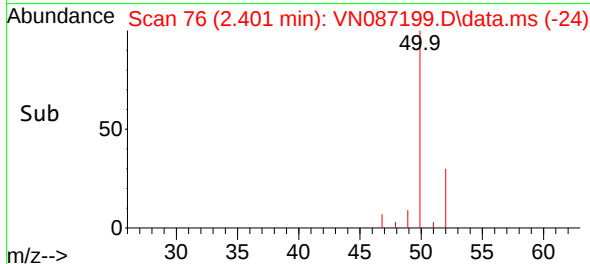
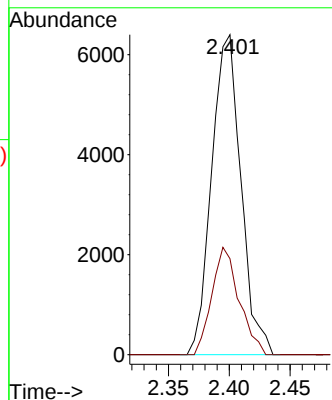
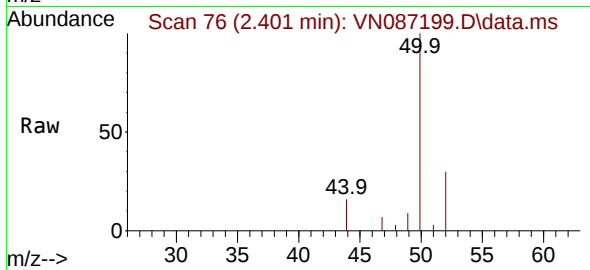
#3
Chloromethane
Concen: 6.054 ug/l
RT: 2.401 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 10710
Ion Ratio Lower Upper
50 100
52 30.0 24.6 36.8

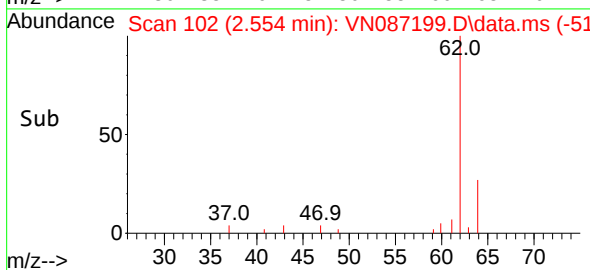
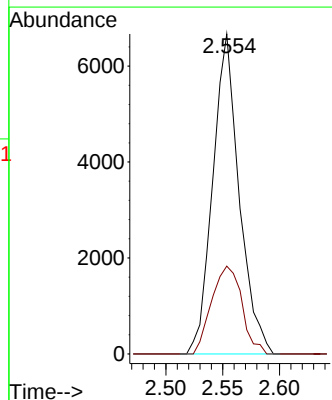
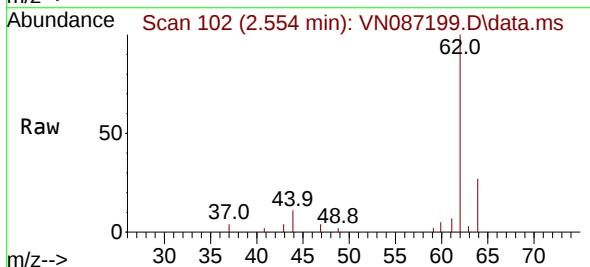
Manual Integrations
APPROVED

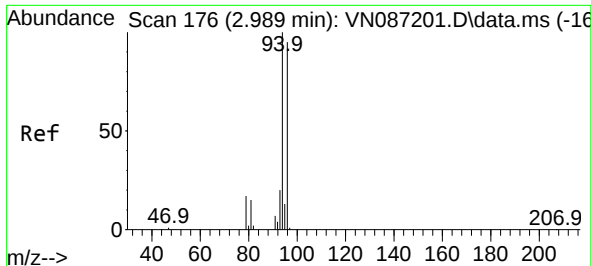
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#4
Vinyl Chloride
Concen: 5.640 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

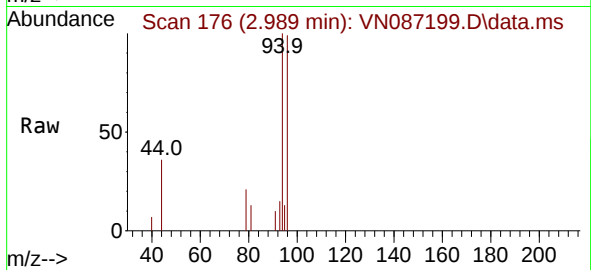
Tgt Ion: 62 Resp: 10782
Ion Ratio Lower Upper
62 100
64 27.5 26.0 39.0





#5
Bromomethane
Concen: 5.715 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

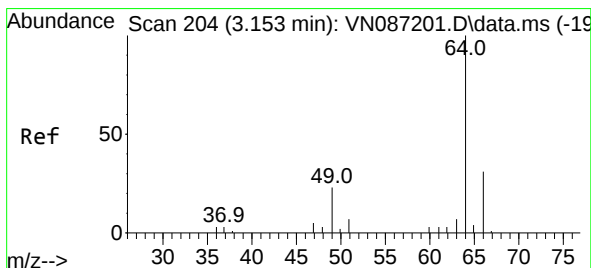
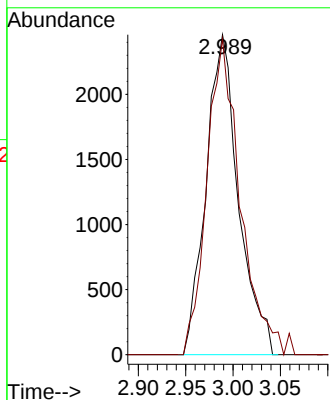
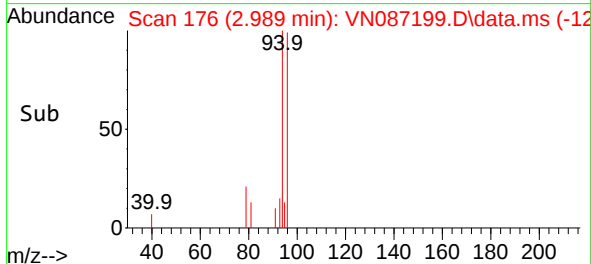
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



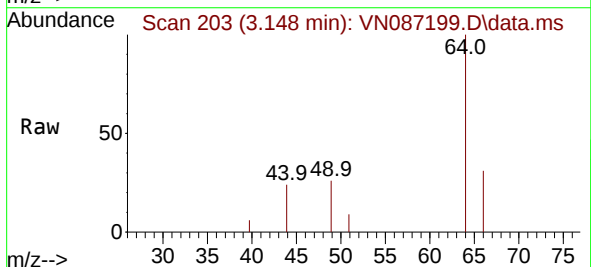
Tgt Ion: 94 Resp: 586
Ion Ratio Lower Upper
94 100
96 98.7 75.7 113.5

Manual Integrations
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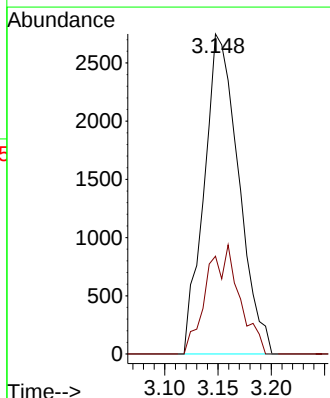
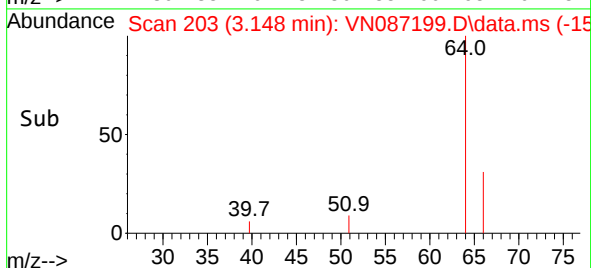
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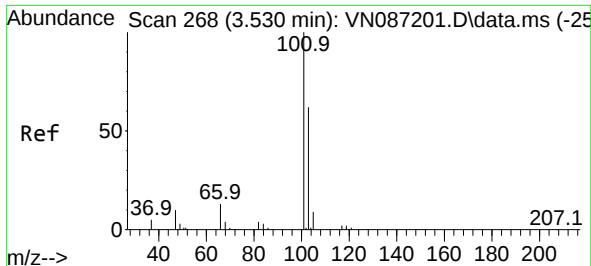


#6
Chloroethane
Concen: 6.200 ug/l
RT: 3.148 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15



Tgt Ion: 64 Resp: 6193
Ion Ratio Lower Upper
64 100
66 30.6 25.0 37.4





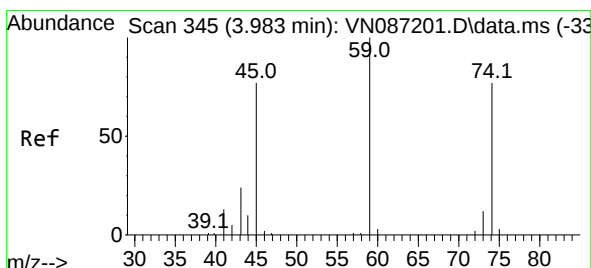
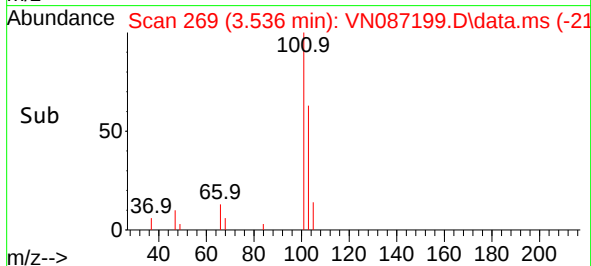
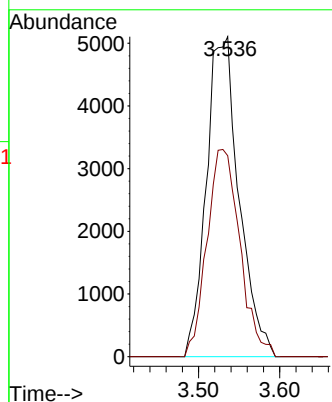
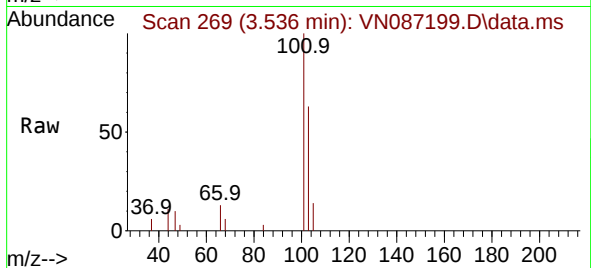
#7
Trichlorofluoromethane
Concen: 6.268 ug/l
RT: 3.536 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 14269
Ion Ratio Lower Upper
101 100
103 62.8 49.3 73.9

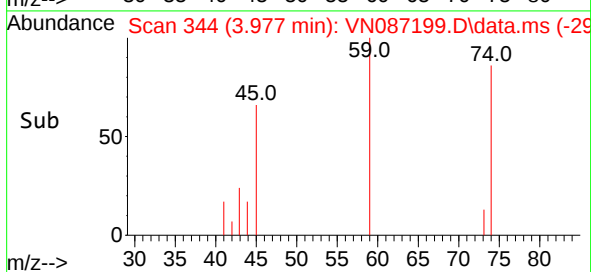
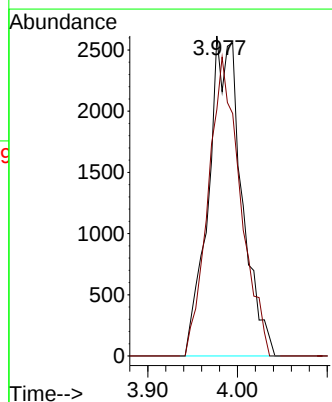
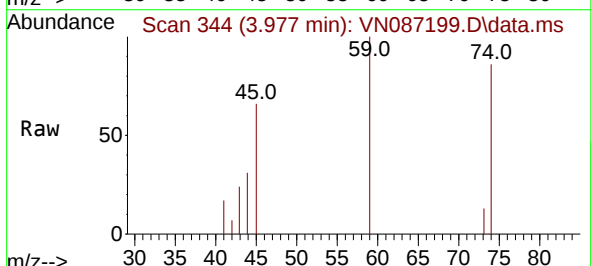
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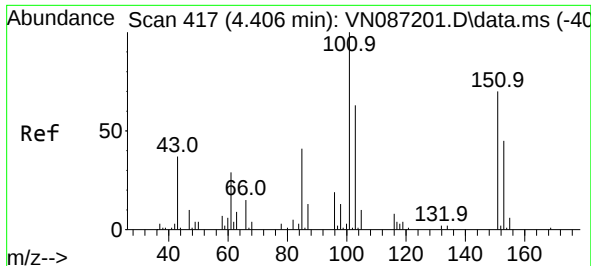
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#8
Diethyl Ether
Concen: 6.656 ug/l
RT: 3.977 min Scan# 344
Delta R.T. -0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Tgt Ion: 74 Resp: 6740
Ion Ratio Lower Upper
74 100
45 90.2 47.0 141.2





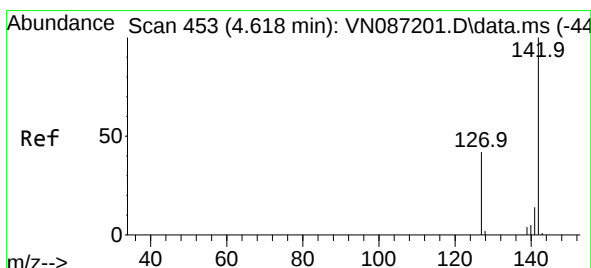
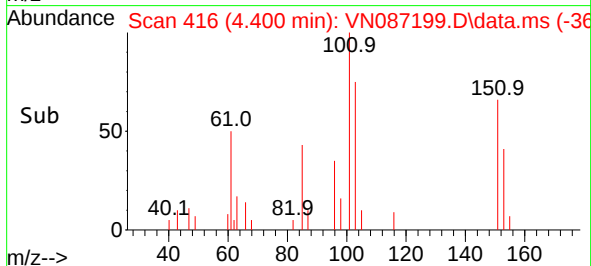
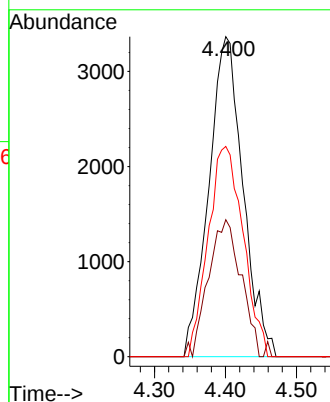
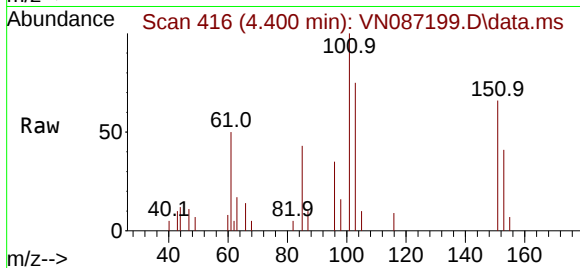
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.443 ug/l
RT: 4.400 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1124
Ion Ratio Lower Upper
101 100
85 41.0 34.3 51.5
151 67.3 57.3 85.9

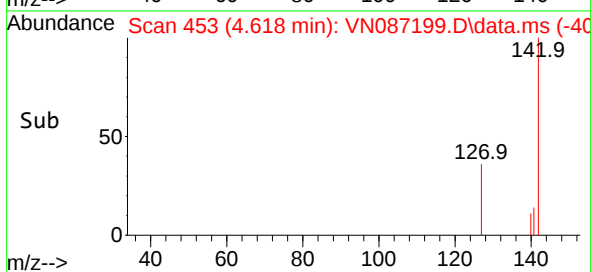
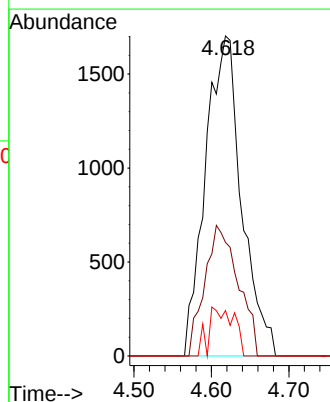
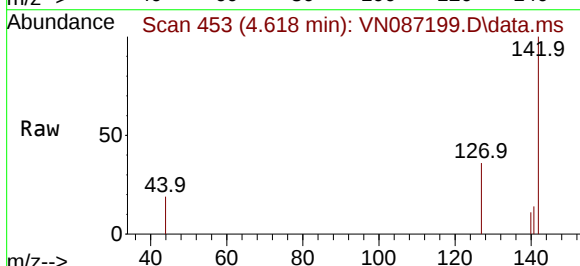
Manual Integrations
APPROVED

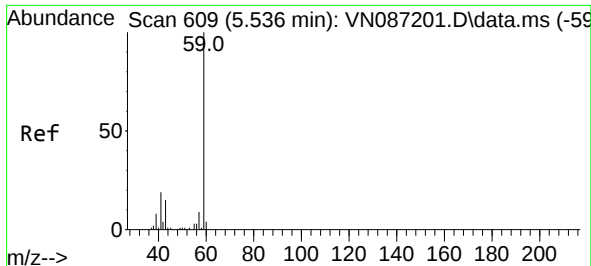
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#10
Methyl Iodide
Concen: 3.889 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

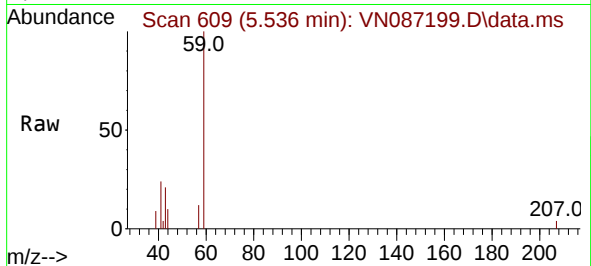
Tgt Ion:142 Resp: 5512
Ion Ratio Lower Upper
142 100
127 35.5 33.3 49.9
141 14.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 29.379 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

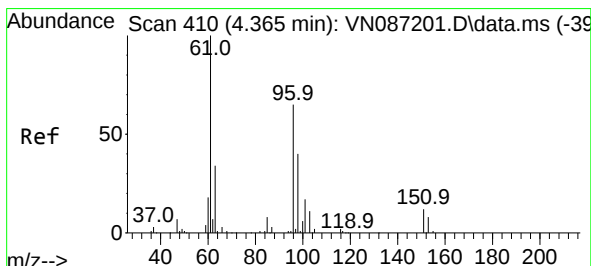
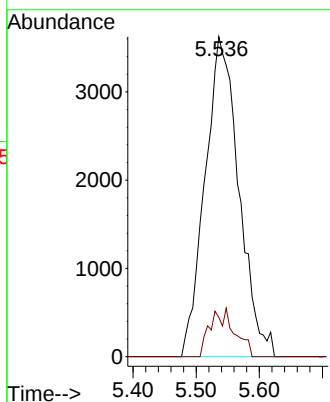
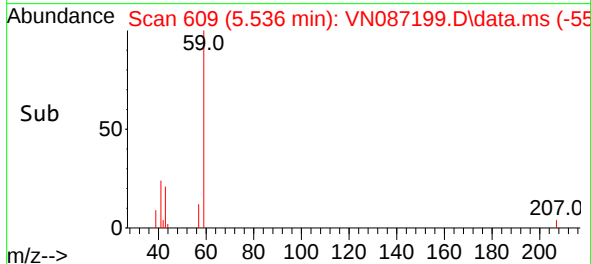
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



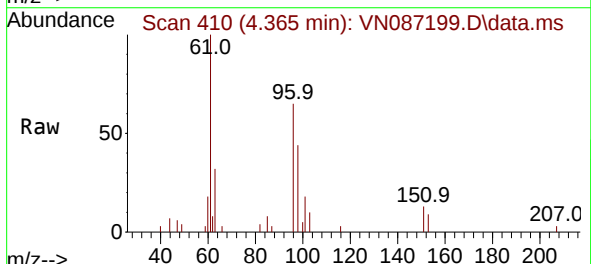
Tgt Ion: 59 Resp: 13469
Ion Ratio Lower Upper
59 100
57 5.7 8.2 12.2

Manual Integrations
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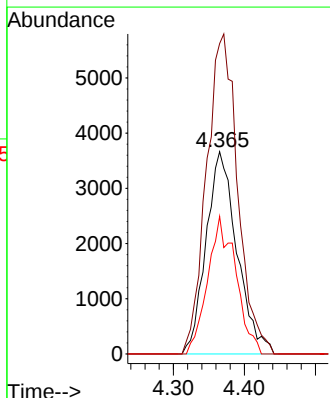
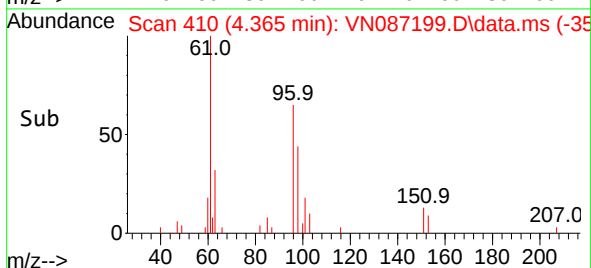
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

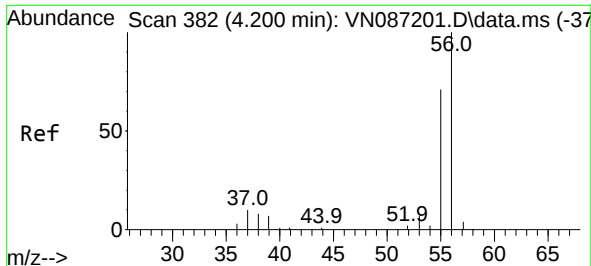


#12
1,1-Dichloroethene
Concen: 6.530 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15



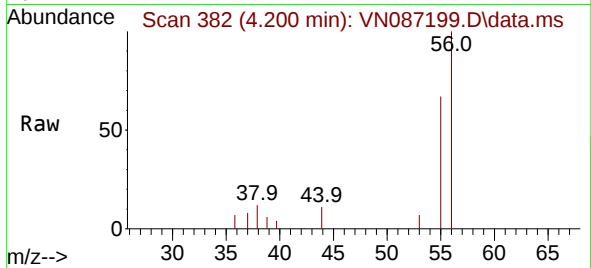
Tgt Ion: 96 Resp: 11075
Ion Ratio Lower Upper
96 100
61 153.5 123.5 185.3
98 68.0 49.5 74.3





#13
Acrolein
Concen: 28.872 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

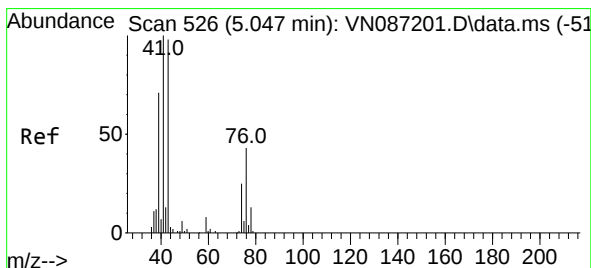
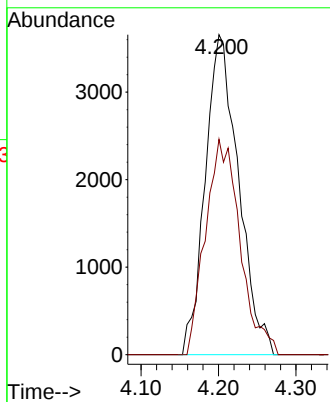
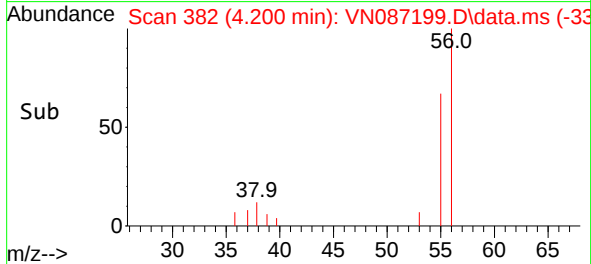
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



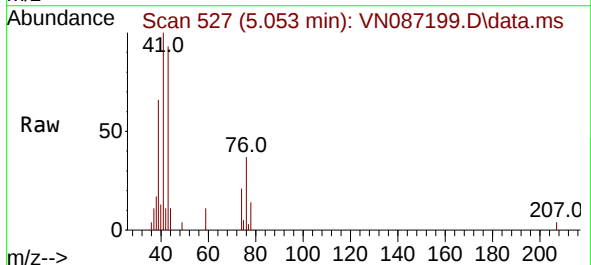
Tgt Ion: 56 Resp: 10914
Ion Ratio Lower Upper
56 100
55 70.0 56.8 85.2

Manual Integrations
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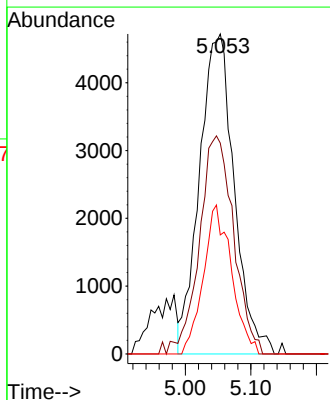
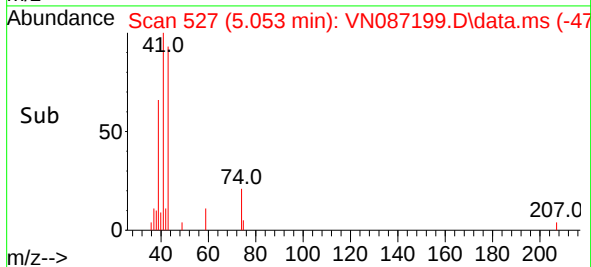
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

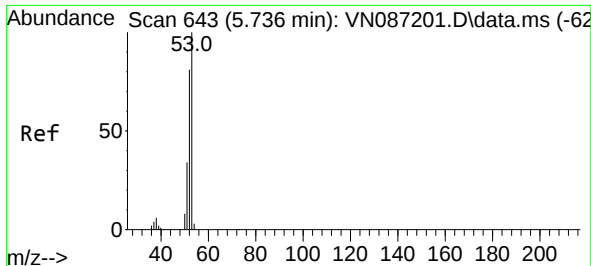


#14
Allyl chloride
Concen: 5.389 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15



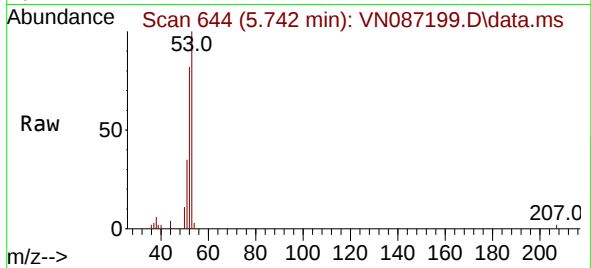
Tgt Ion: 41 Resp: 17327
Ion Ratio Lower Upper
41 100
39 67.6 55.0 82.6
76 37.8 31.3 46.9





#15
Acrylonitrile
Concen: 24.039 ug/l
RT: 5.742 min Scan# 643
Delta R.T. 0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

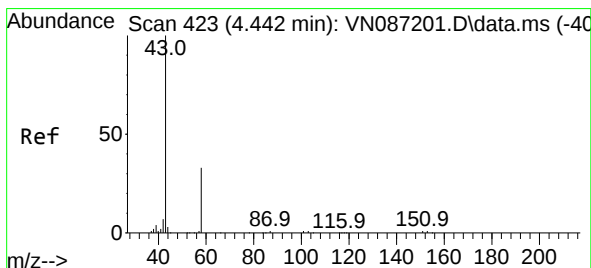
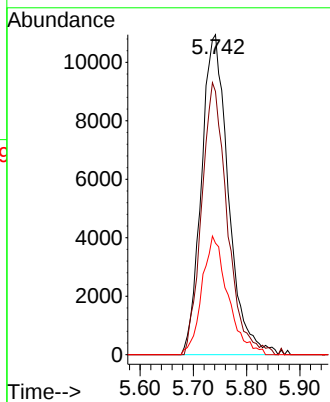
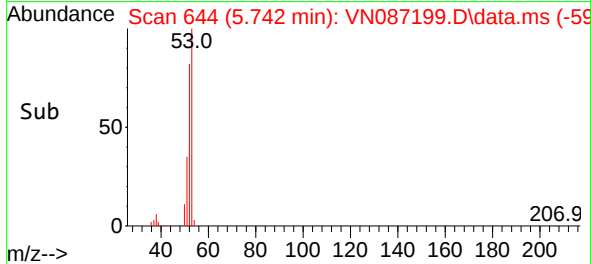
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



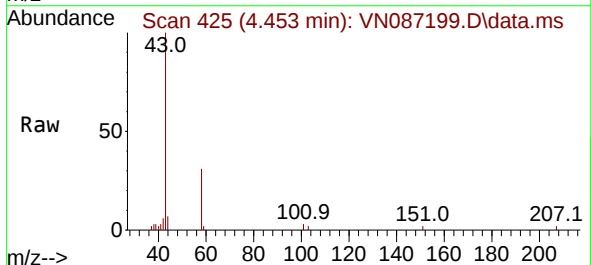
Tgt Ion: 53 Resp: 38528
Ion Ratio Lower Upper
53 100
52 80.6 65.0 97.6
51 35.7 27.8 41.6

Manual Integrations
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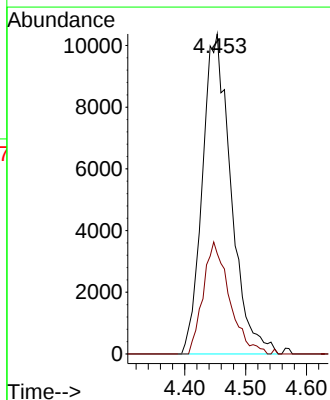
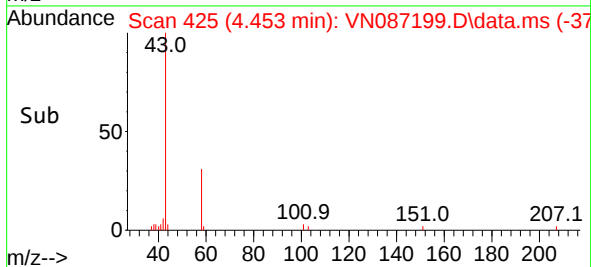
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

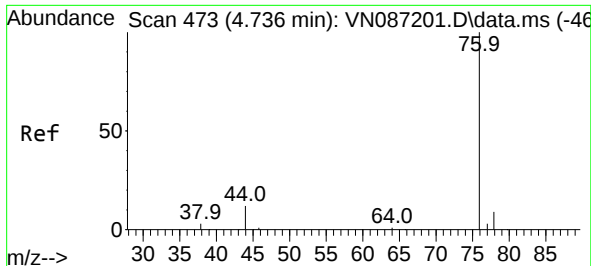


#16
Acetone
Concen: 21.376 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.011 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15



Tgt Ion: 43 Resp: 33850
Ion Ratio Lower Upper
43 100
58 31.3 26.5 39.7





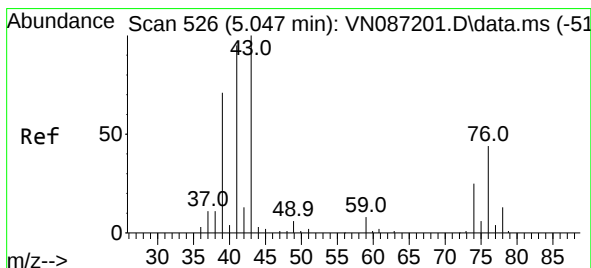
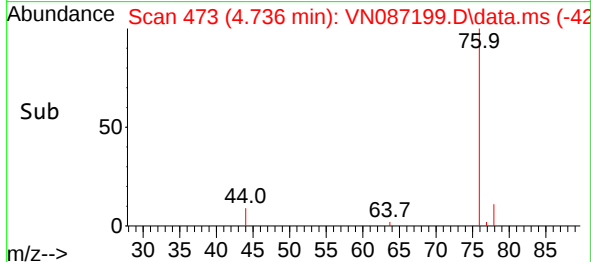
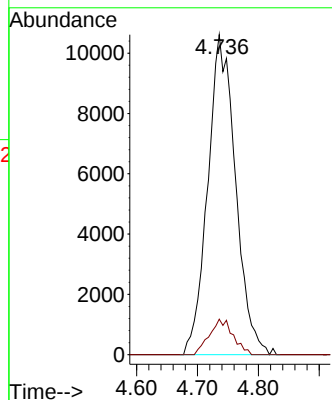
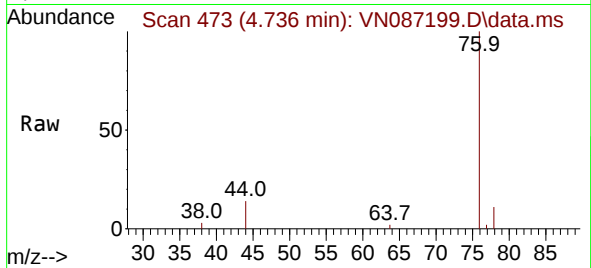
#17
Carbon Disulfide
Concen: 4.072 ug/l
RT: 4.736 min Scan# 473
Delta R.T. -0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 3365
Ion Ratio Lower Upper
76 100
78 11.1 7.0 10.6

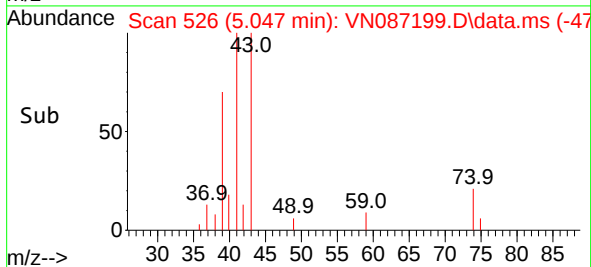
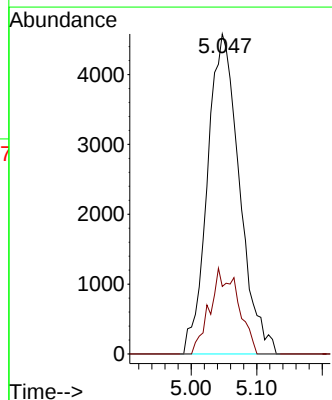
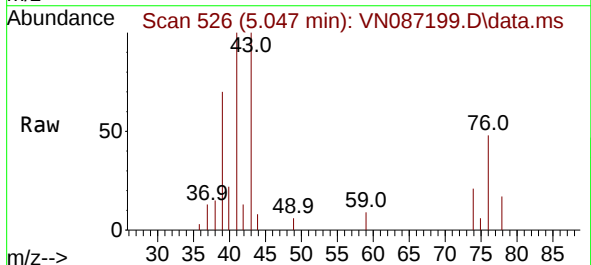
Manual Integrations
APPROVED

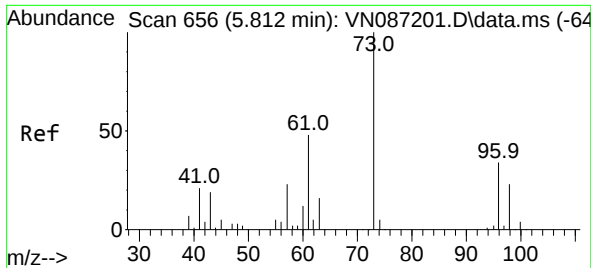
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#18
Methyl Acetate
Concen: 5.292 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

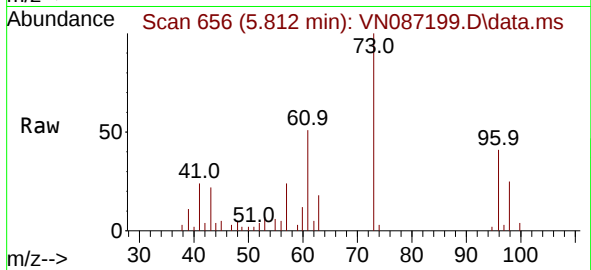
Tgt Ion: 43 Resp: 15527
Ion Ratio Lower Upper
43 100
74 23.6 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 6.127 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

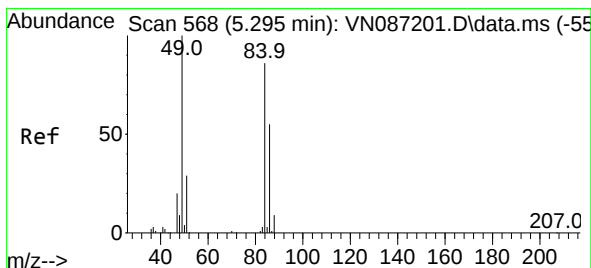
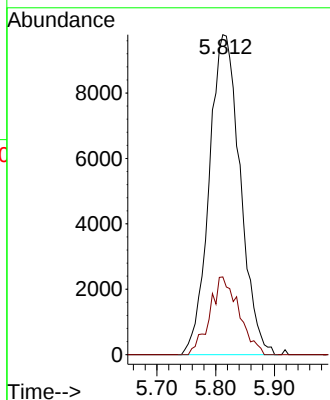
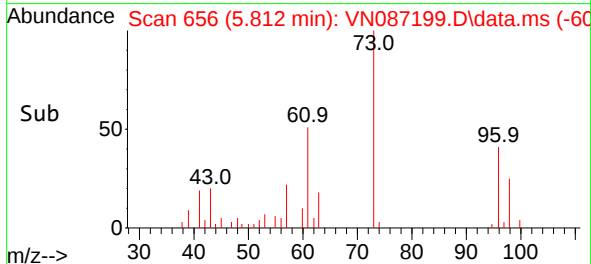
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



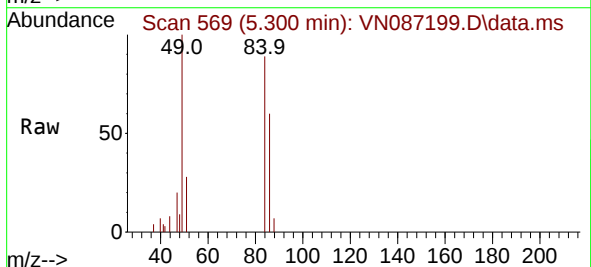
Tgt Ion: 73 Resp: 3579
Ion Ratio Lower Upper
73 100
57 24.3 18.2 27.4

Manual Integrations
APPROVED

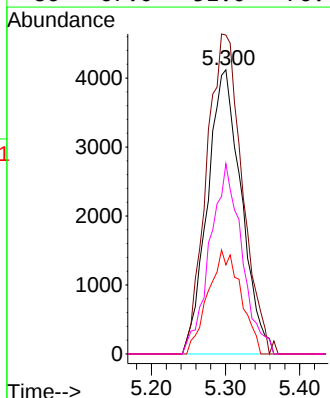
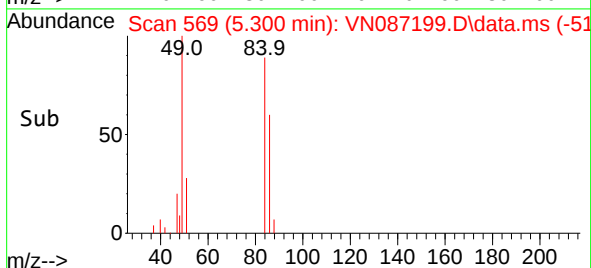
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

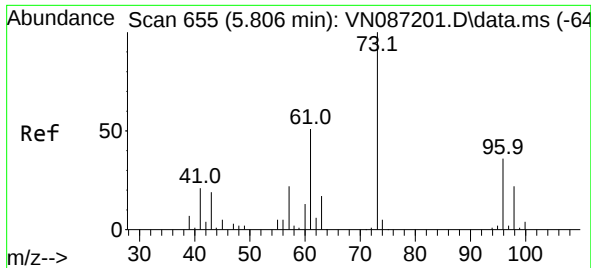


#20
Methylene Chloride
Concen: 5.483 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.005 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15



Tgt Ion: 84 Resp: 13073
Ion Ratio Lower Upper
84 100
49 112.2 93.0 139.6
51 31.4 27.2 40.8
86 67.0 51.0 76.4





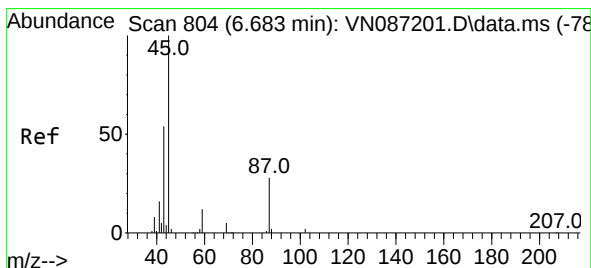
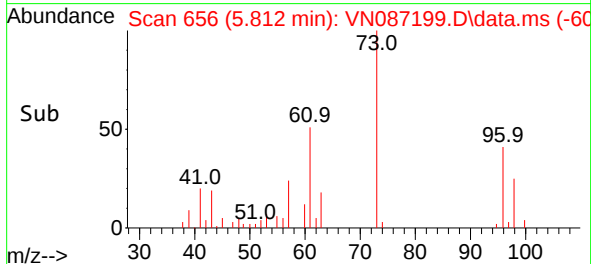
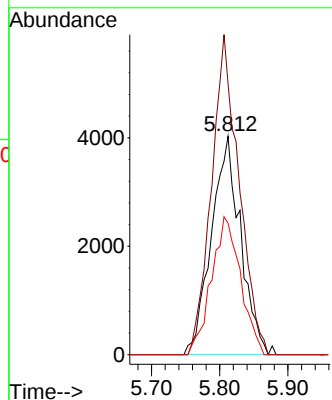
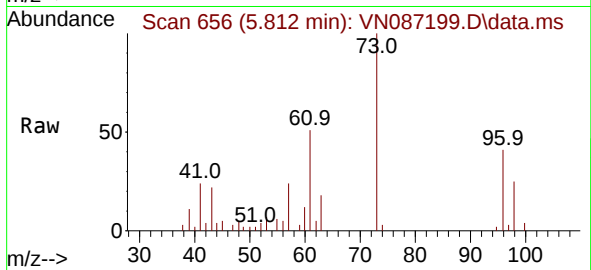
#21
trans-1,2-Dichloroethene
Concen: 6.384 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 12009
Ion Ratio Lower Upper
96 100
61 124.1 113.8 170.8
98 60.2 50.4 75.6

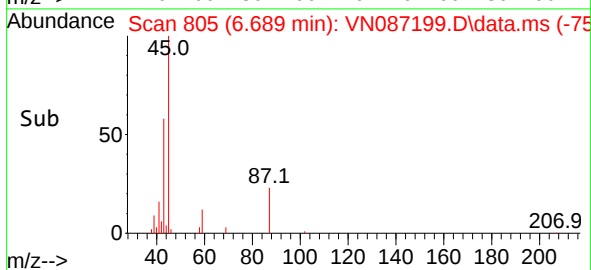
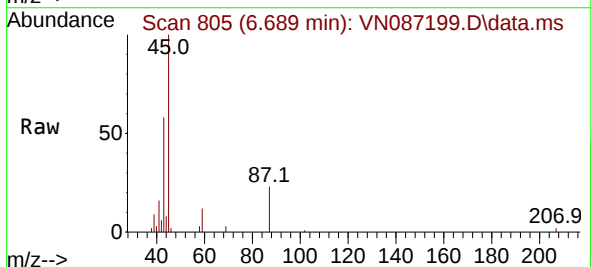
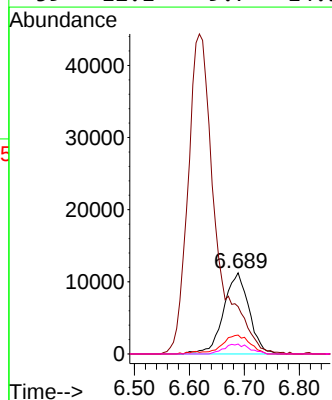
Manual Integrations
APPROVED

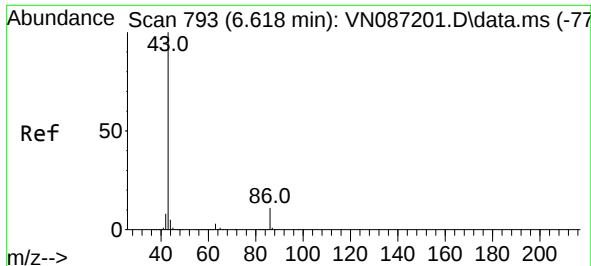
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#22
Diisopropyl ether
Concen: 5.971 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

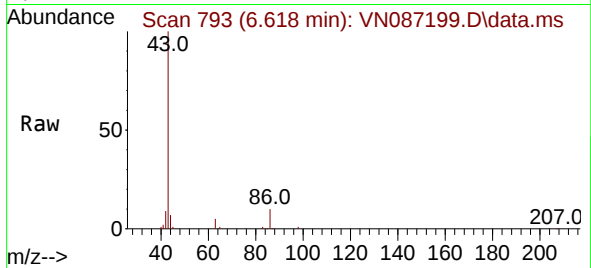
Tgt Ion: 45 Resp: 36065
Ion Ratio Lower Upper
45 100
43 56.6 45.8 68.6
87 23.3 22.7 34.1
59 12.1 9.7 14.5





#23
 Vinyl Acetate
 Concen: 28.531 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.000 min
 Lab File: VN087199.D
 Acq: 26 Jun 2025 17:15

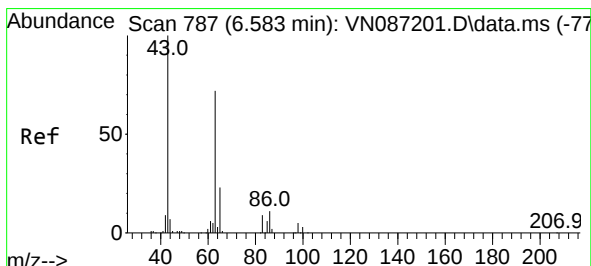
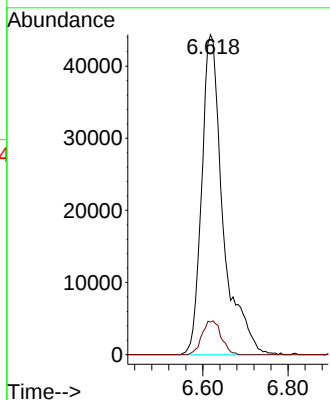
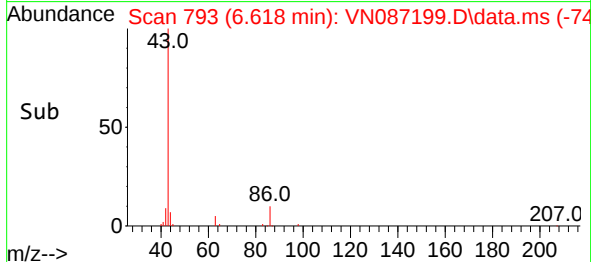
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



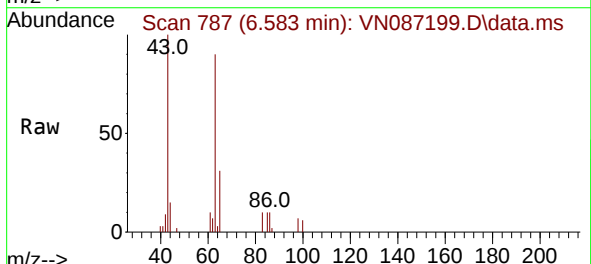
Tgt Ion: 43 Resp: 15410
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.8 13.2

Manual Integrations
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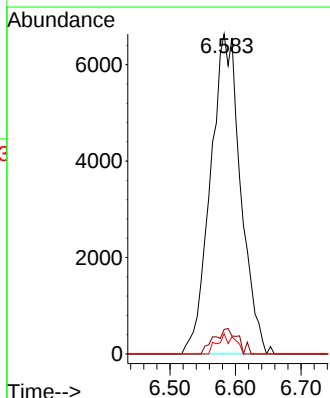
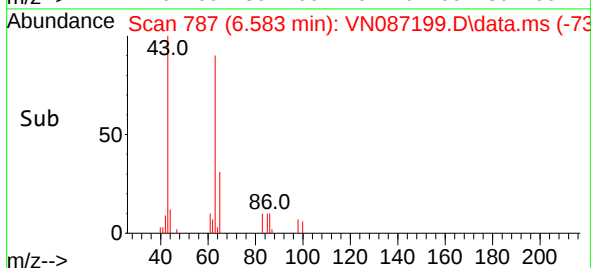
Reviewed By :John Carlone 06/27/2025
 Supervised By :Mahesh Dadoda 06/27/2025

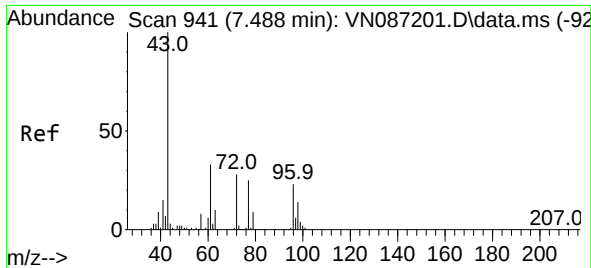


#24
 1,1-Dichloroethane
 Concen: 5.953 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.000 min
 Lab File: VN087199.D
 Acq: 26 Jun 2025 17:15



Tgt Ion: 63 Resp: 21235
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.8
 100 6.3 2.1 6.5





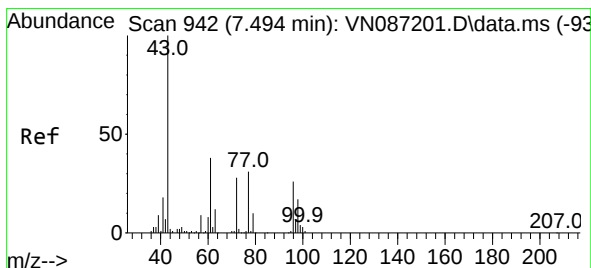
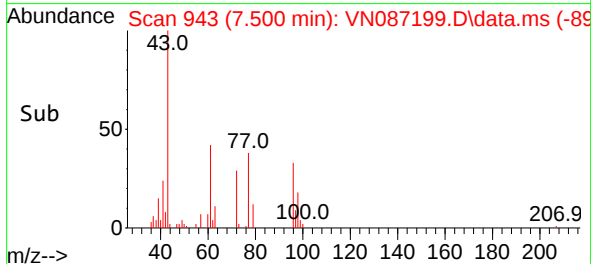
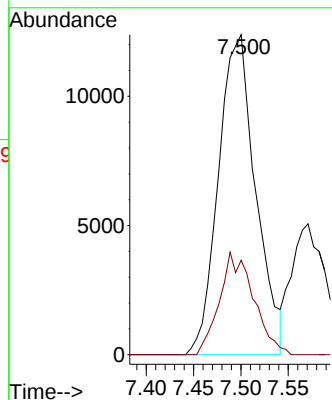
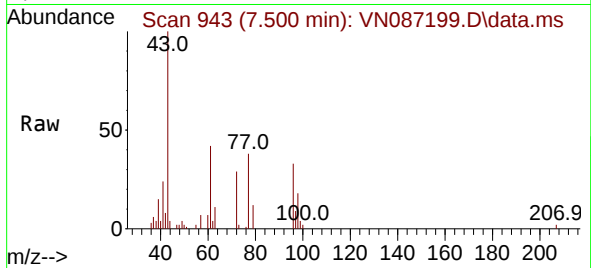
#25
2-Butanone
Concen: 21.472 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 3387
Ion Ratio Lower Upper
43 100
72 29.5 22.2 33.2

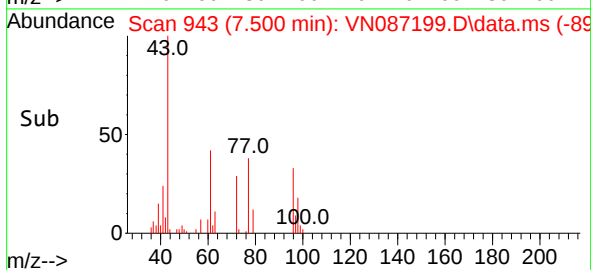
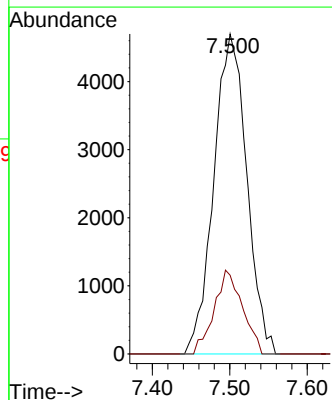
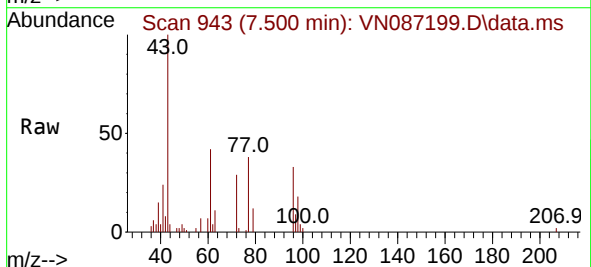
Manual Integrations
APPROVED

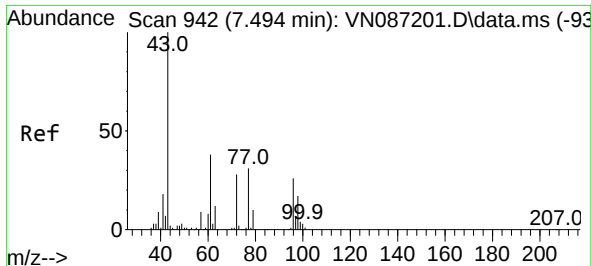
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#26
2,2-Dichloropropane
Concen: 4.901 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

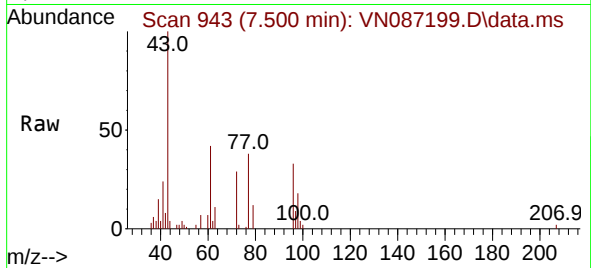
Tgt Ion: 77 Resp: 13897
Ion Ratio Lower Upper
77 100
97 22.4 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 4.722 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN087199.D
 Acq: 26 Jun 2025 17:15

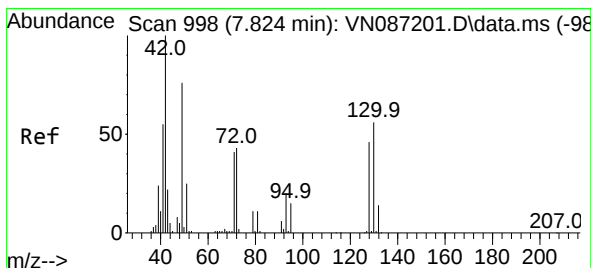
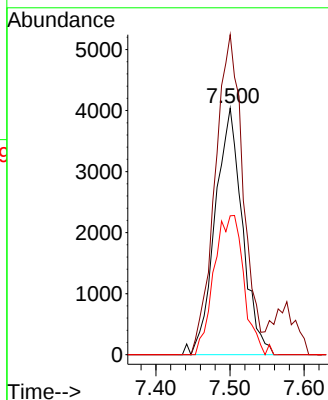
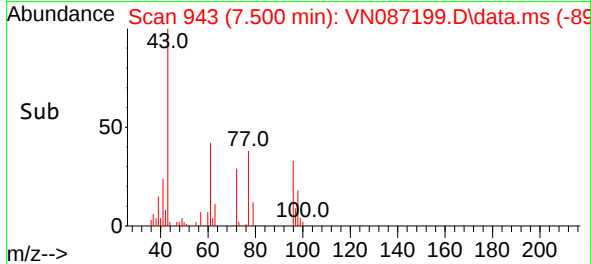
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 1032
 Ion Ratio Lower Upper
 96 100
 61 134.2 0.0 290.4
 98 61.7 0.0 126.8

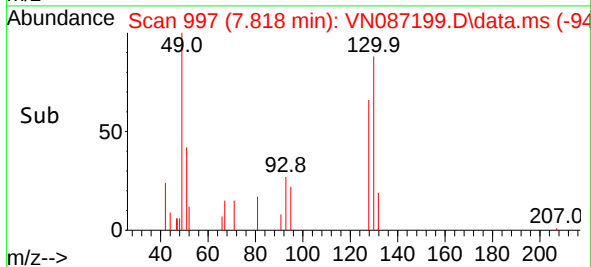
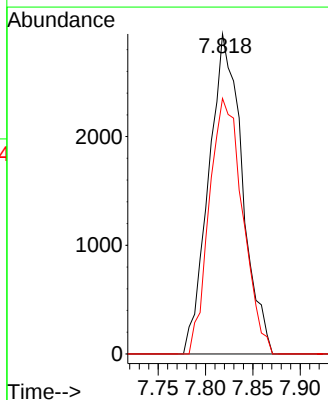
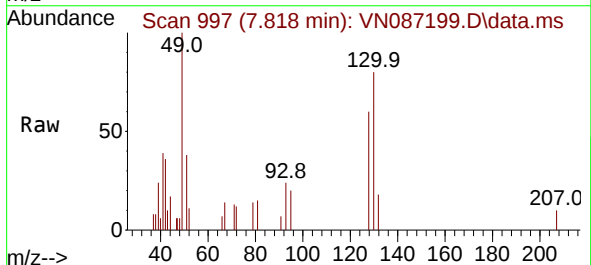
Manual Integrations
 APPROVED

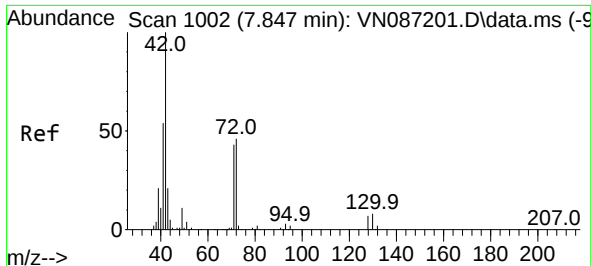
Reviewed By :John Carlone 06/27/2025
 Supervised By :Mahesh Dadoda 06/27/2025



#28
 Bromochloromethane
 Concen: 4.620 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN087199.D
 Acq: 26 Jun 2025 17:15

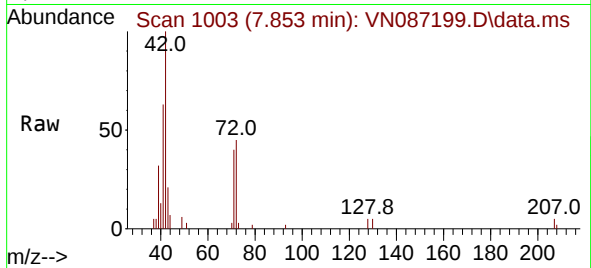
Tgt Ion: 49 Resp: 7245
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.2
 130 79.6 60.0 90.0





#29
Tetrahydrofuran
Concen: 21.309 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

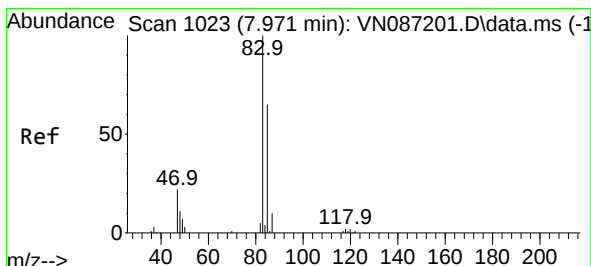
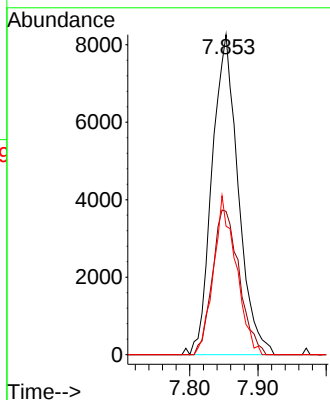
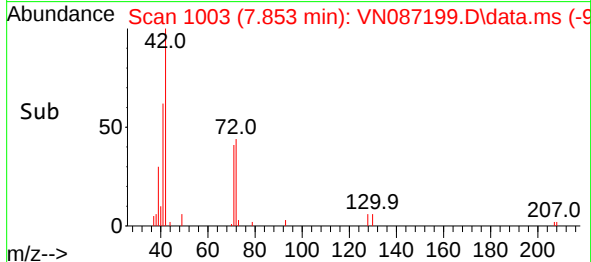
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 42 Resp: 22040
Ion Ratio Lower Upper
42 100
72 46.3 36.9 55.3
71 42.9 35.0 52.4

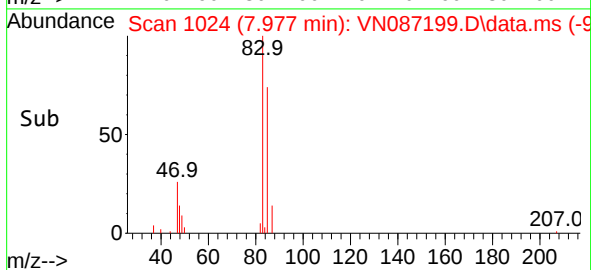
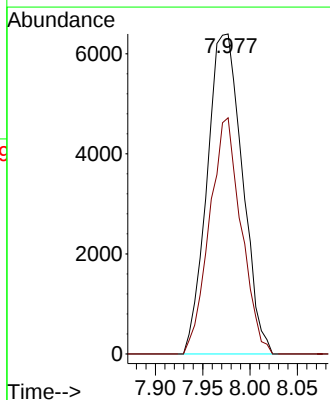
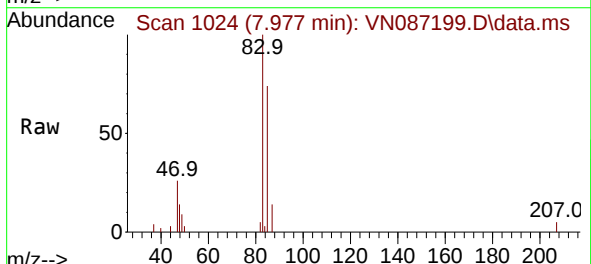
Manual Integrations
APPROVED

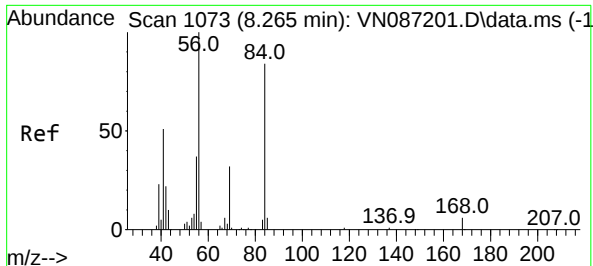
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#30
Chloroform
Concen: 4.926 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

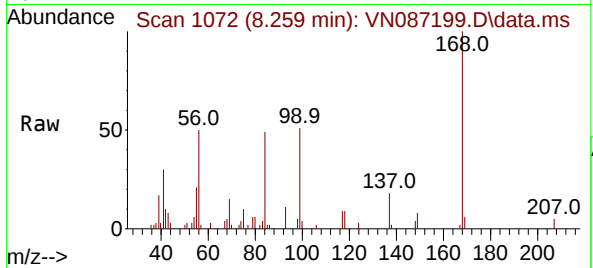
Tgt Ion: 83 Resp: 16576
Ion Ratio Lower Upper
83 100
85 73.8 52.0 78.0





#31
Cyclohexane
Concen: 5.342 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

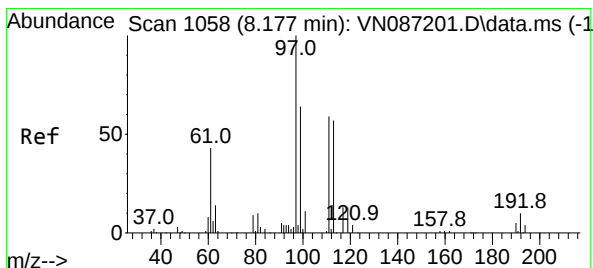
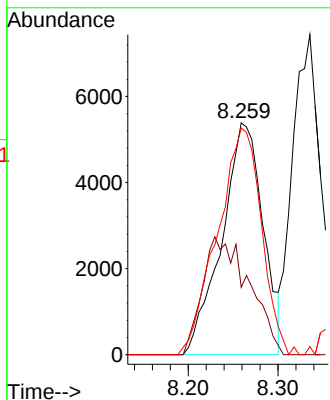
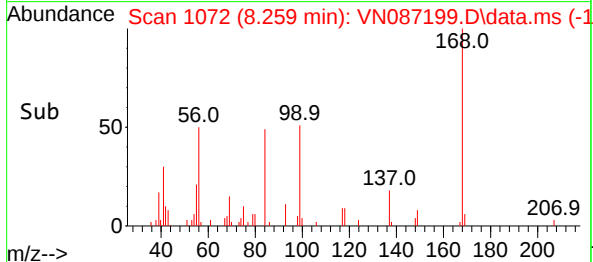
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



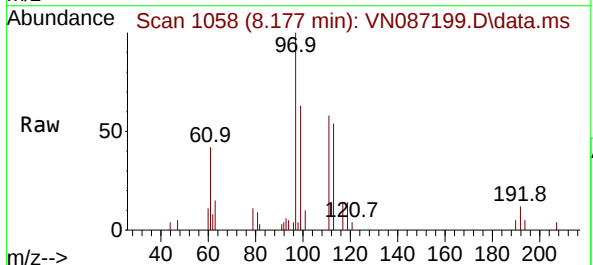
Tgt Ion: 56 Resp: 1720
Ion Ratio Lower Upper
56 100
69 29.1 25.3 37.9
84 97.8 67.4 101.0

Manual Integrations
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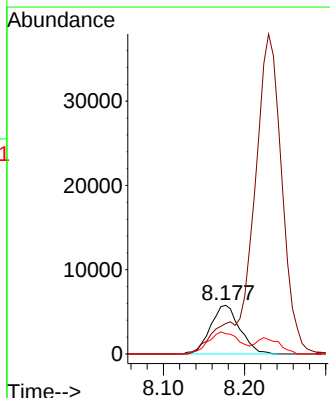
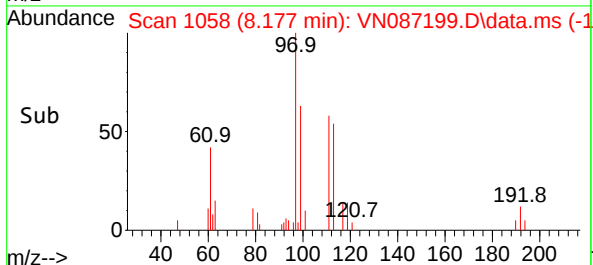
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

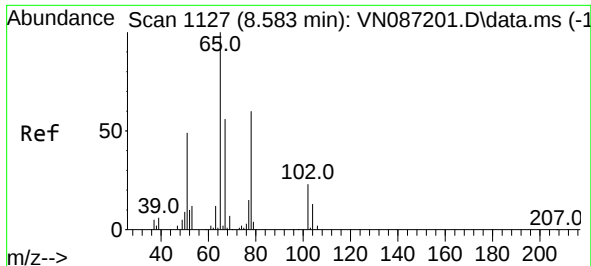


#32
1,1,1-Trichloroethane
Concen: 5.026 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15



Tgt Ion: 97 Resp: 14531
Ion Ratio Lower Upper
97 100
99 0.0 49.9 74.9#
61 47.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 5.004 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN087199.D

Acq: 26 Jun 2025 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 1041

Ion Ratio Lower Upper

65 100

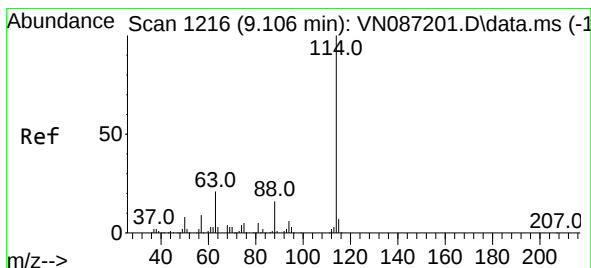
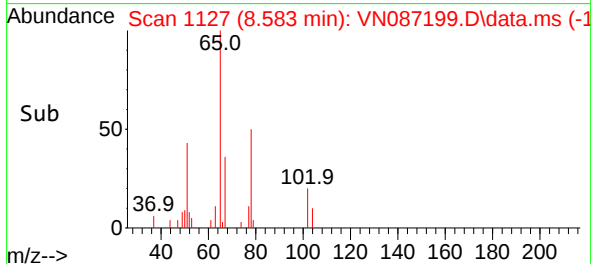
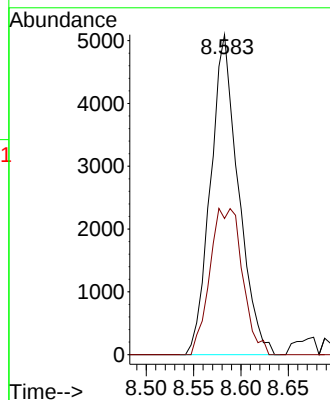
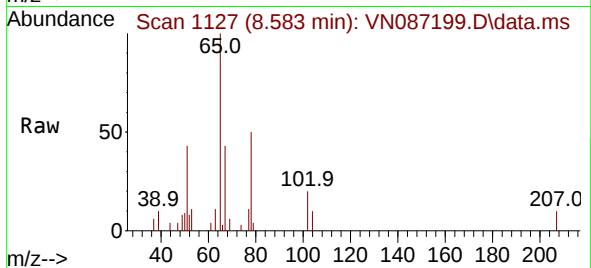
67 53.5 0.0 108.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN087199.D

Acq: 26 Jun 2025 17:15

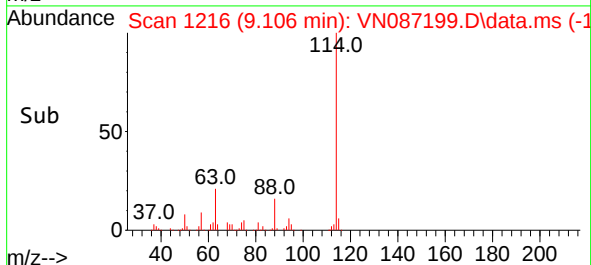
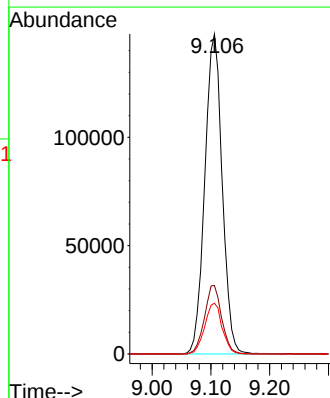
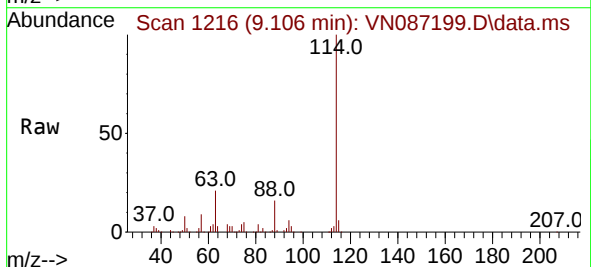
Tgt Ion:114 Resp: 302562

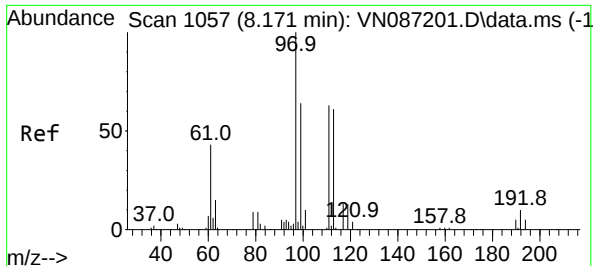
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.0

88 15.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 4.269 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN087199.D

Acq: 26 Jun 2025 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 113 Resp: 835

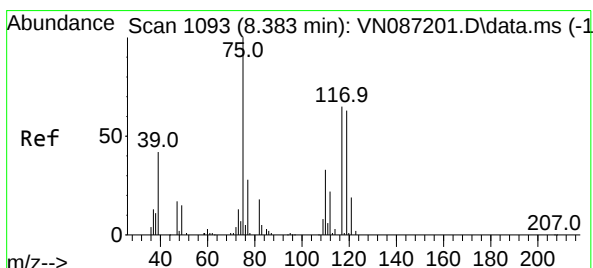
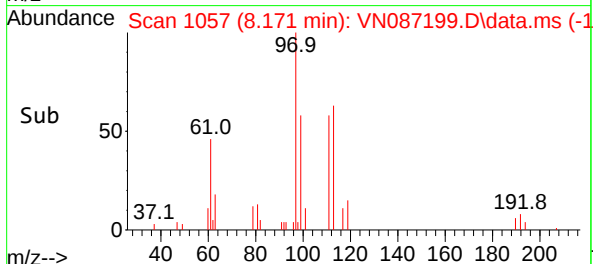
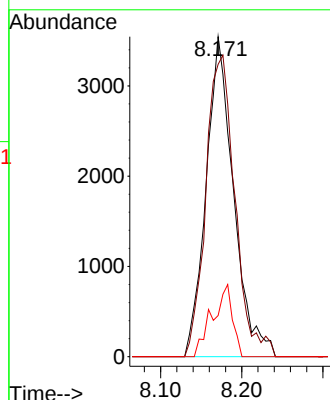
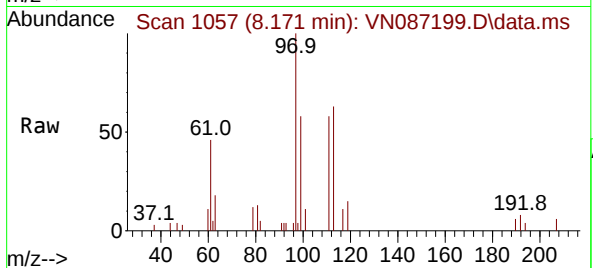
Ion	Ratio	Lower	Upper
113	100		
111	99.7	82.6	124.0
192	16.5	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#36

1,1-Dichloropropene

Concen: 4.049 ug/l

RT: 8.377 min Scan# 1092

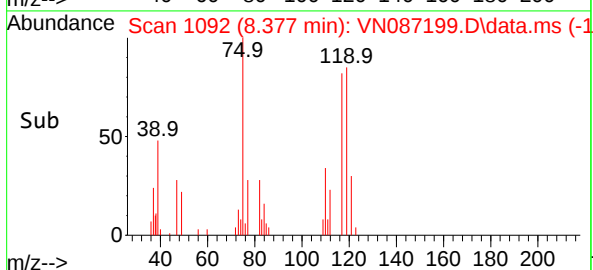
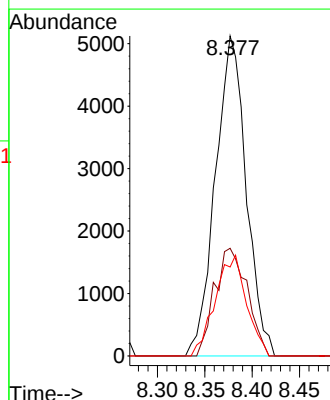
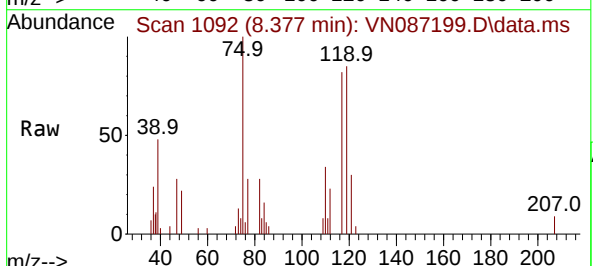
Delta R.T. -0.006 min

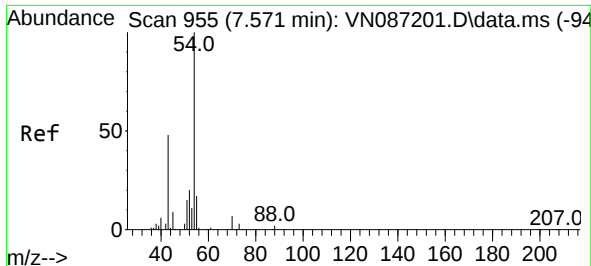
Lab File: VN087199.D

Acq: 26 Jun 2025 17:15

Tgt Ion: 75 Resp: 11602

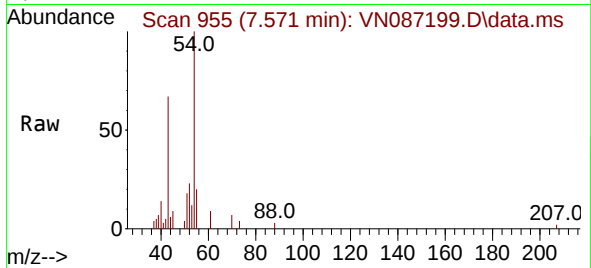
Ion	Ratio	Lower	Upper
75	100		
110	35.5	16.9	50.6
77	32.0	24.7	37.1





#37
Ethyl Acetate
Concen: 1.580 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

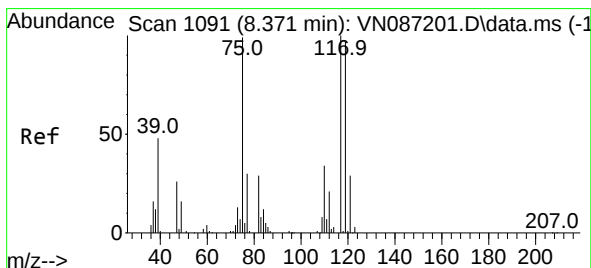
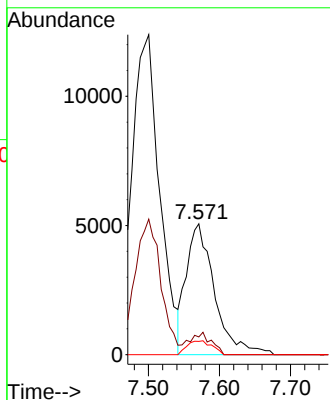
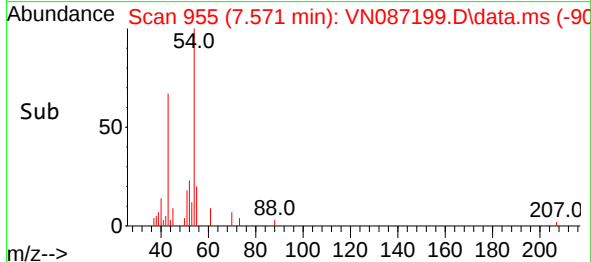
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 1403
Ion Ratio Lower Upper
43 100
61 12.7 10.8 16.2
70 9.3 8.9 13.3

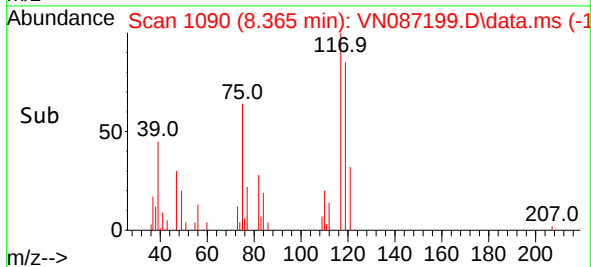
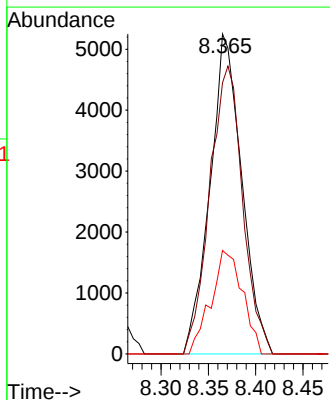
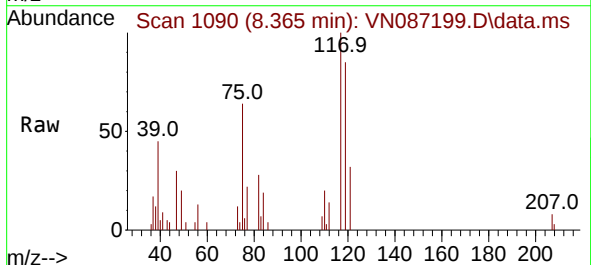
Manual Integrations
APPROVED

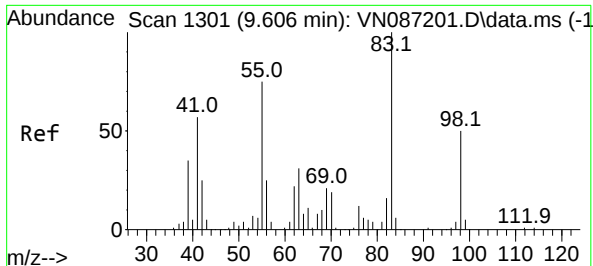
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#38
Carbon Tetrachloride
Concen: 4.391 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Tgt Ion:117 Resp: 12254
Ion Ratio Lower Upper
117 100
119 84.7 77.4 116.0
121 32.4 23.2 34.8





#39

Methylcyclohexane

Concen: 4.798 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN087199.D

Acq: 26 Jun 2025 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 1677

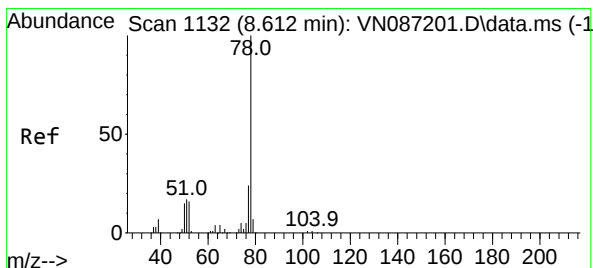
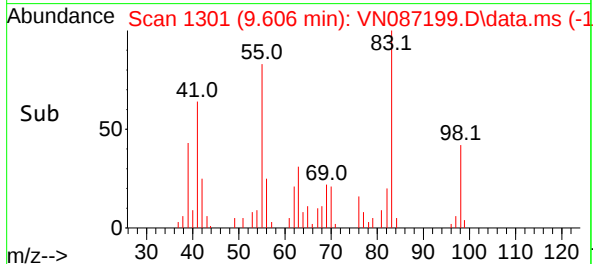
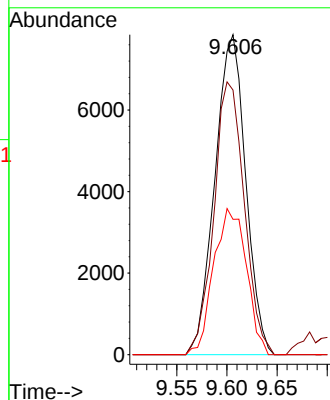
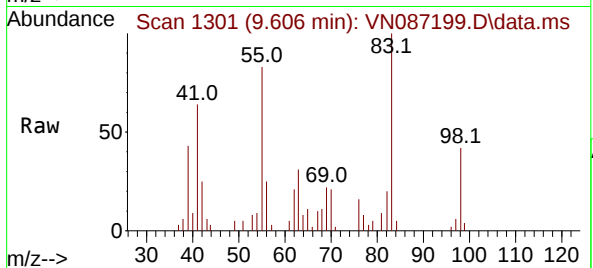
Ion	Ratio	Lower	Upper
83	100		
55	82.7	59.8	89.8
98	42.3	39.8	59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#40

Benzene

Concen: 4.117 ug/l

RT: 8.612 min Scan# 1132

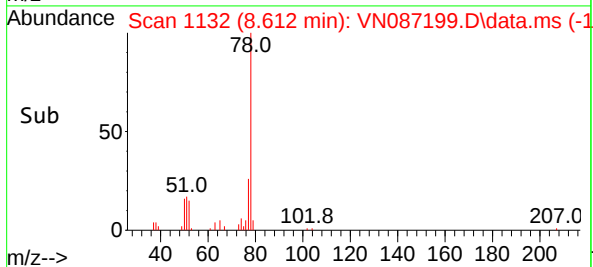
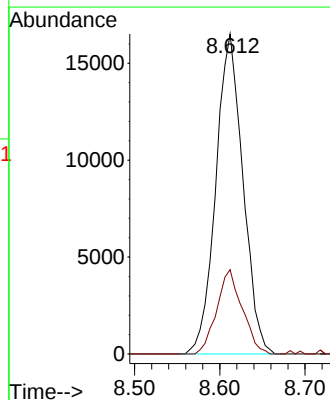
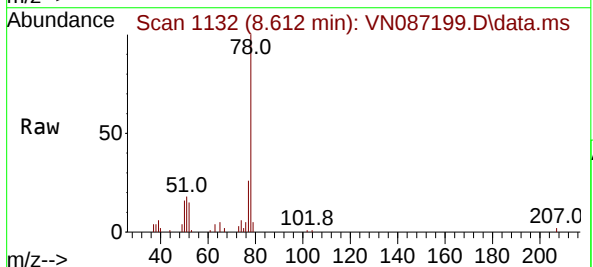
Delta R.T. 0.000 min

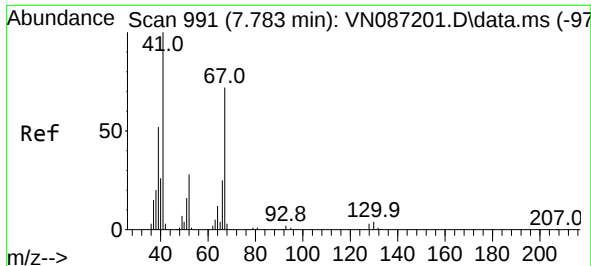
Lab File: VN087199.D

Acq: 26 Jun 2025 17:15

Tgt Ion: 78 Resp: 36450

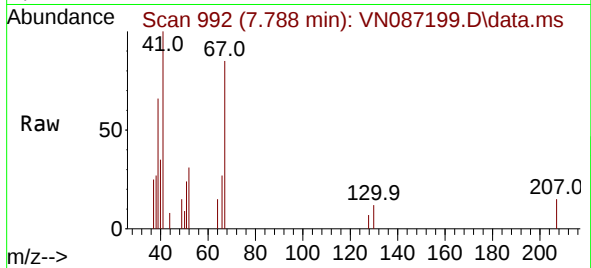
Ion	Ratio	Lower	Upper
78	100		
77	26.3	19.0	28.6





#41
Methacrylonitrile
Concen: 3.663 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

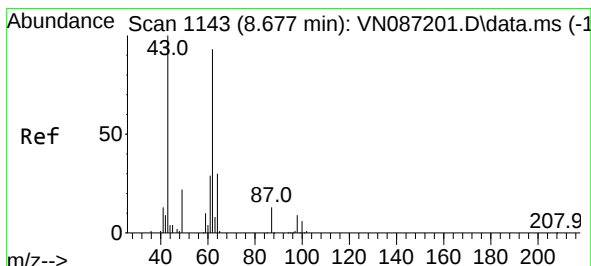
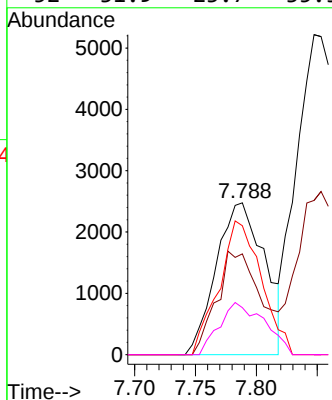
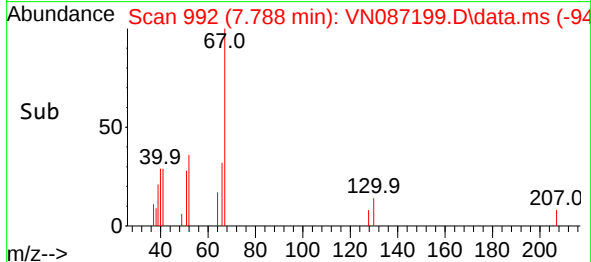
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 686
Ion Ratio Lower Upper
41 100
39 61.9 41.3 61.9
67 76.9 60.2 90.2
52 31.9 23.7 35.5

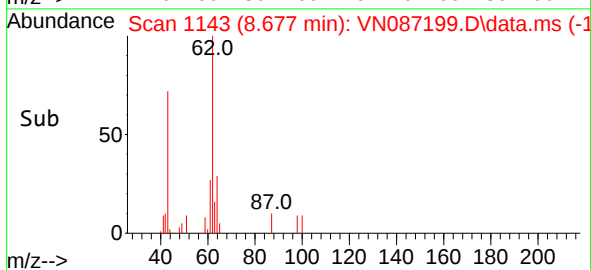
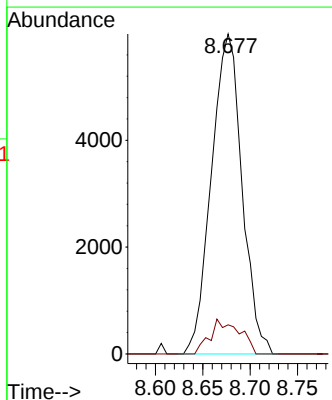
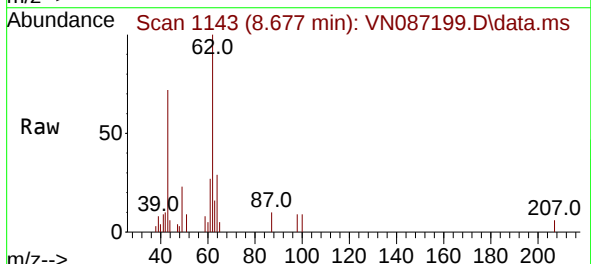
Manual Integrations
APPROVED

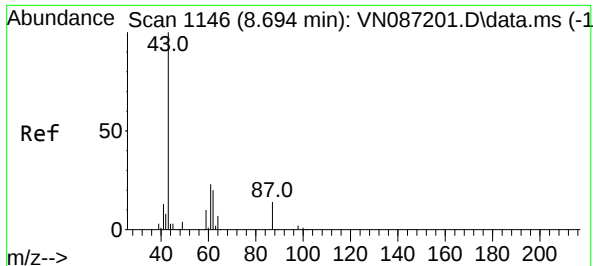
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#42
1,2-Dichloroethane
Concen: 4.675 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

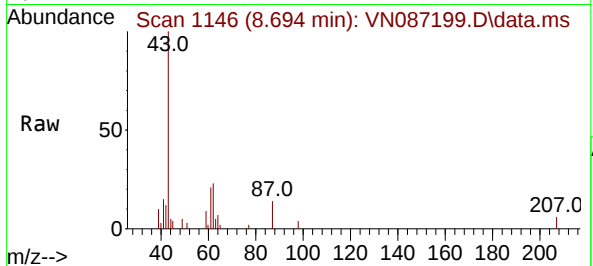
Tgt Ion: 62 Resp: 13455
Ion Ratio Lower Upper
62 100
98 10.4 0.0 18.4





#43
Isopropyl Acetate
Concen: 4.238 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

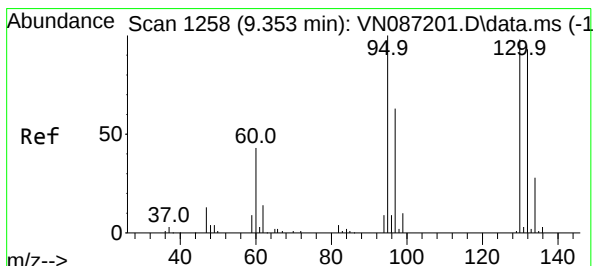
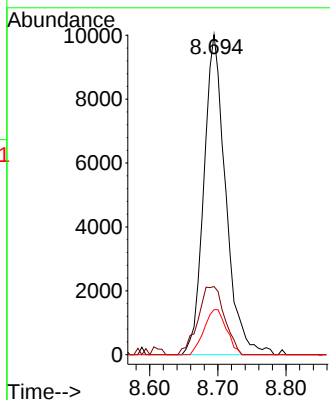
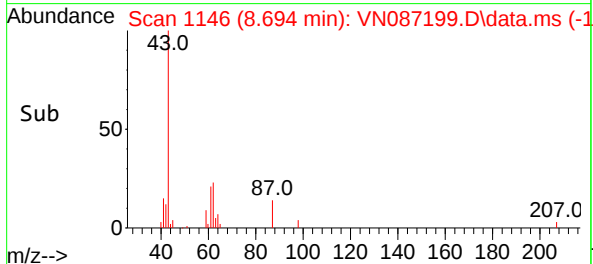
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 2232
Ion Ratio Lower Upper
43 100
61 25.9 21.0 31.6
87 14.5 11.0 16.6

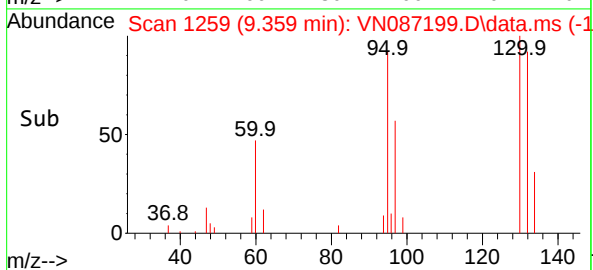
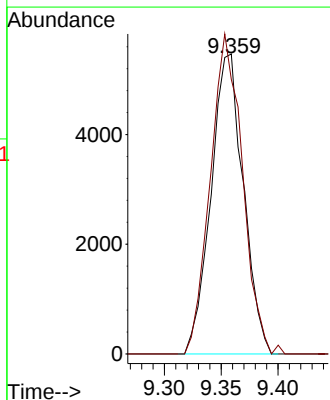
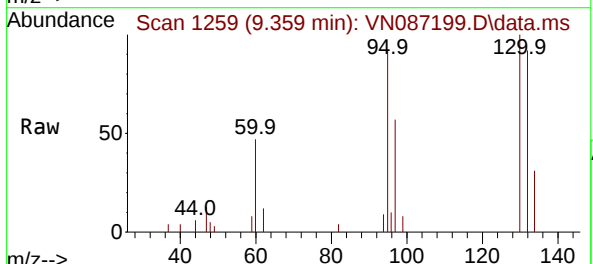
Manual Integrations
APPROVED

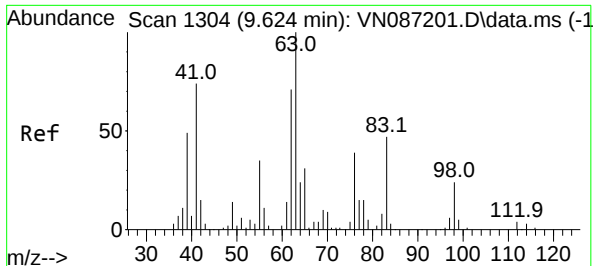
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#44
Trichloroethene
Concen: 5.120 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Tgt Ion:130 Resp: 10853
Ion Ratio Lower Upper
130 100
95 91.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 5.172 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN087199.D

Acq: 26 Jun 2025 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 1180

Ion Ratio Lower Upper

63 100

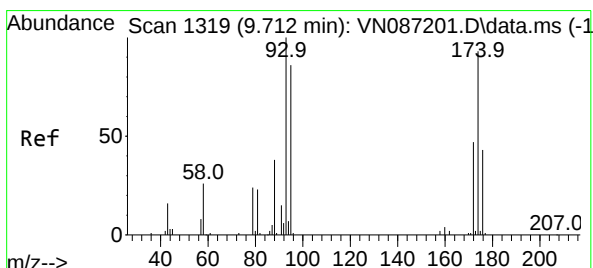
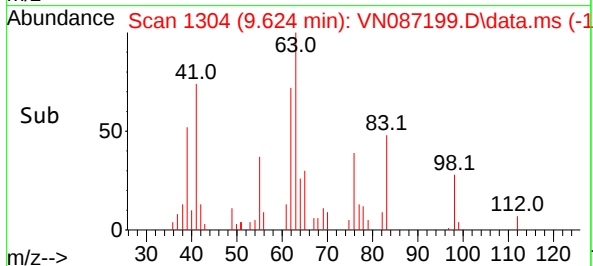
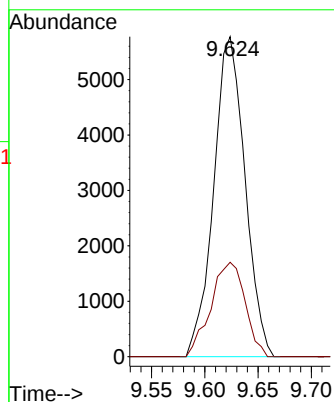
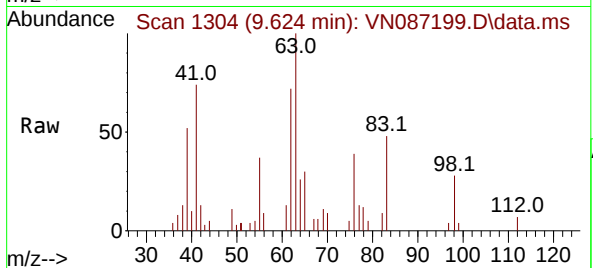
65 29.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#46

Dibromomethane

Concen: 5.234 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN087199.D

Acq: 26 Jun 2025 17:15

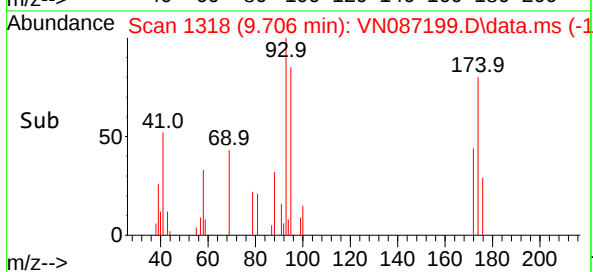
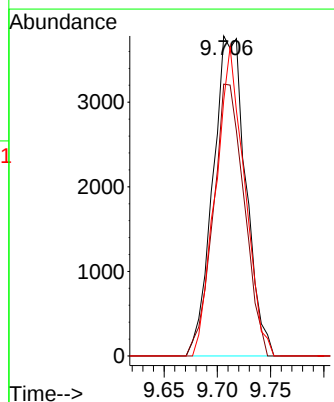
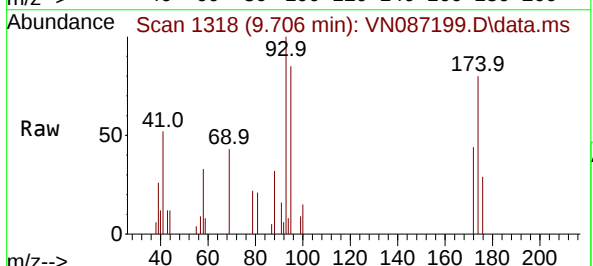
Tgt Ion: 93 Resp: 8094

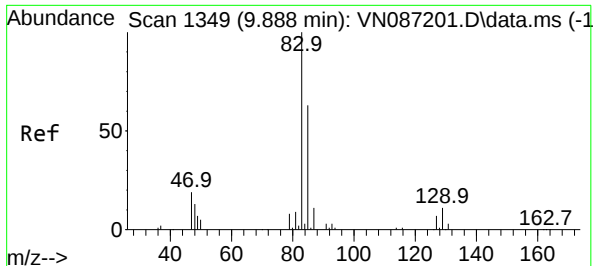
Ion Ratio Lower Upper

93 100

95 80.2 67.4 101.2

174 85.4 72.3 108.5





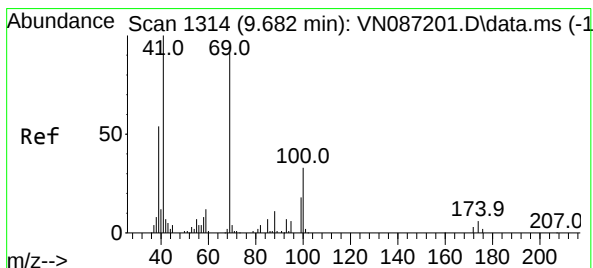
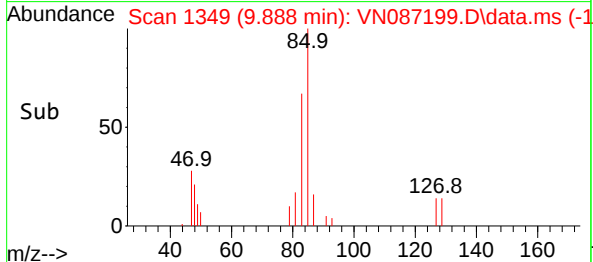
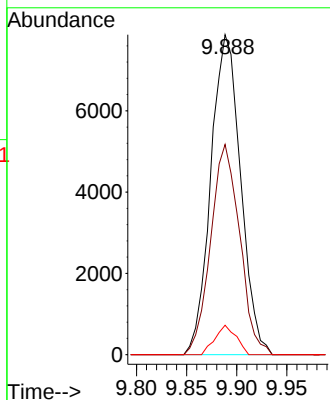
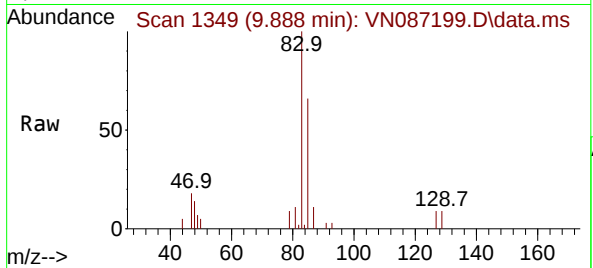
#47
Bromodichloromethane
Concen: 5.235 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1625
Ion Ratio Lower Upper
83 100
85 65.7 50.0 75.0
127 9.2 6.0 9.0

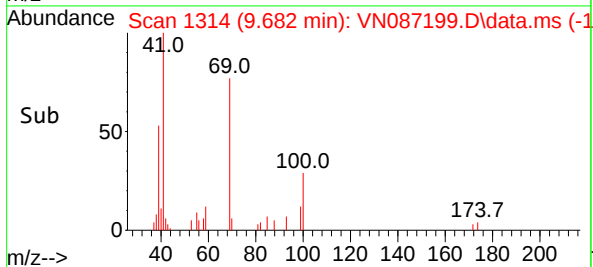
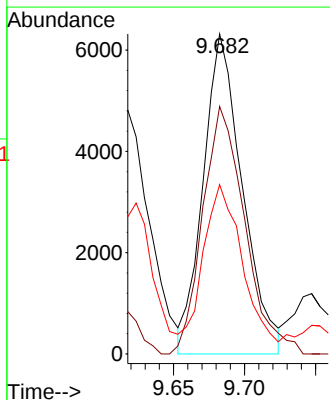
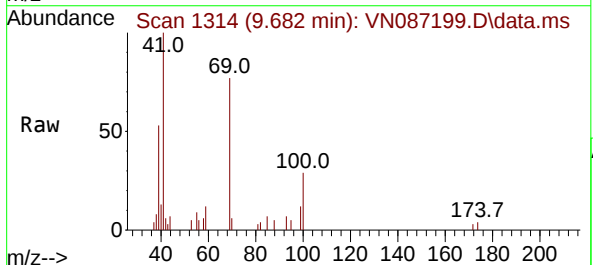
Manual Integrations
APPROVED

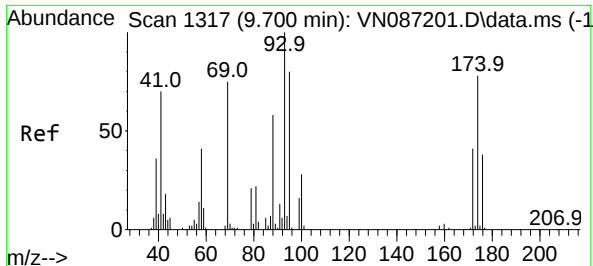
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#48
Methyl methacrylate
Concen: 4.762 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Tgt Ion: 41 Resp: 12128
Ion Ratio Lower Upper
41 100
69 83.1 69.9 104.9
39 54.5 43.8 65.6





#49

1,4-Dioxane

Concen: 85.903 ug/l

RT: 9.712 min Scan# 1317

Delta R.T. 0.012 min

Lab File: VN087199.D

Acq: 26 Jun 2025 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

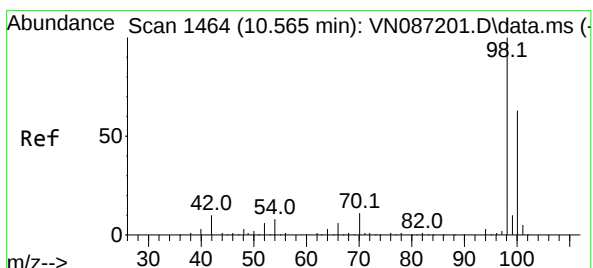
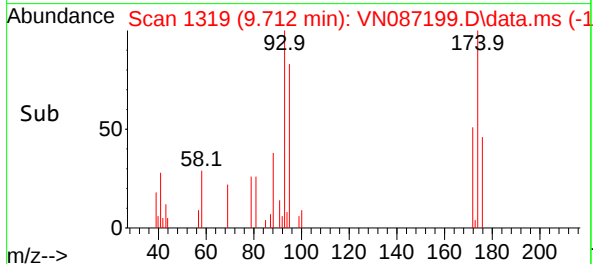
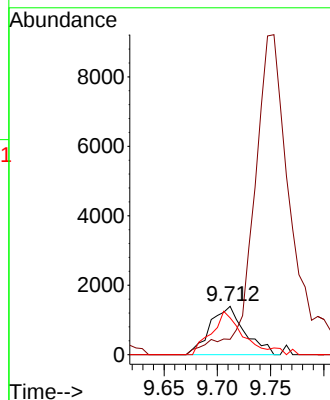
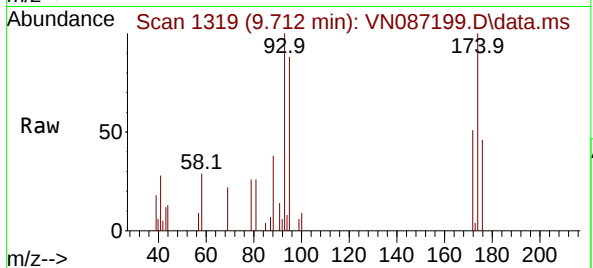
Tgt Ion: 88 Resp: 313
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 84.5 59.2 88.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#50

Toluene-d8

Concen: 4.541 ug/l

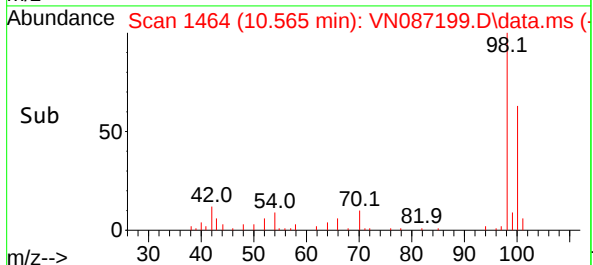
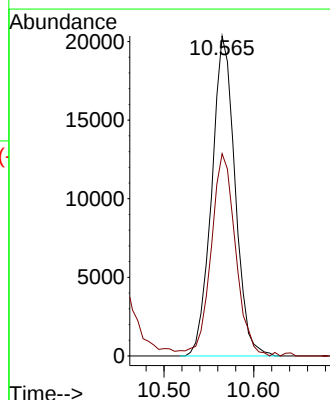
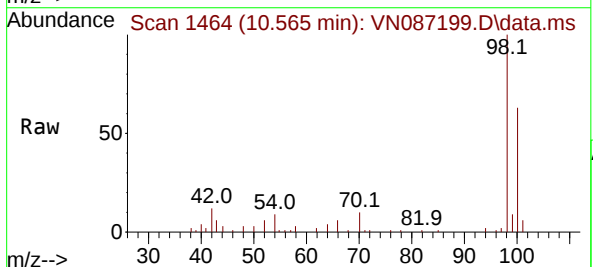
RT: 10.565 min Scan# 1464

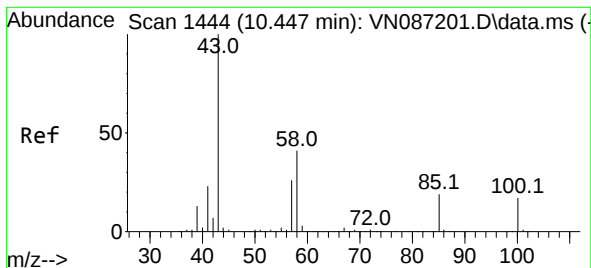
Delta R.T. -0.000 min

Lab File: VN087199.D

Acq: 26 Jun 2025 17:15

Tgt Ion: 98 Resp: 36734
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.7 79.1





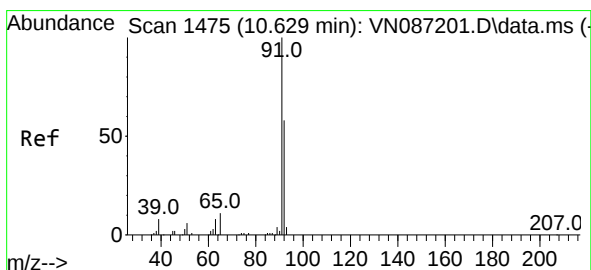
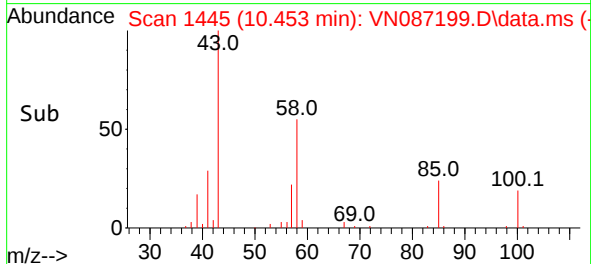
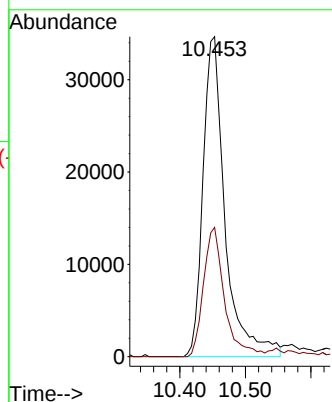
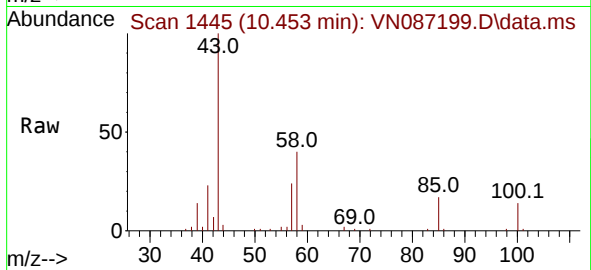
#51
4-Methyl-2-Pentanone
Concen: 18.876 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 8111
Ion Ratio Lower Upper
43 100
58 38.4 32.6 48.8

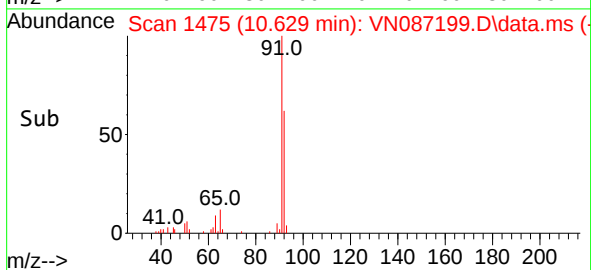
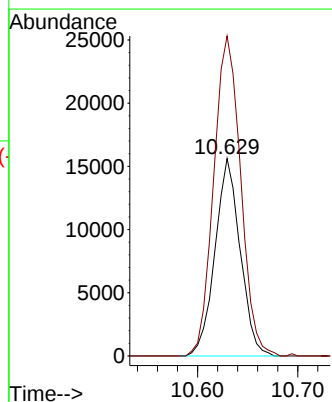
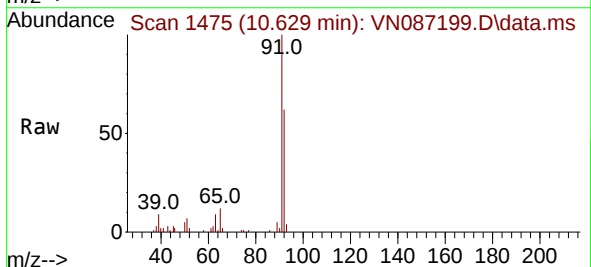
Manual Integrations
APPROVED

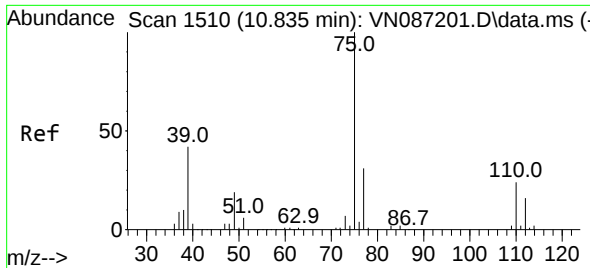
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#52
Toluene
Concen: 4.805 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

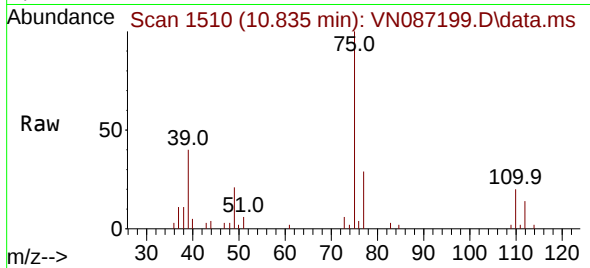
Tgt Ion: 92 Resp: 27193
Ion Ratio Lower Upper
92 100
91 173.7 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 4.866 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

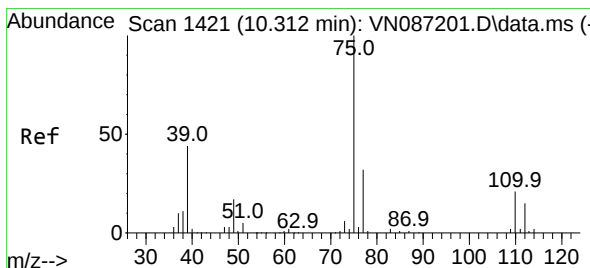
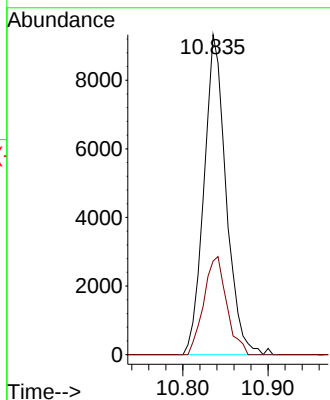
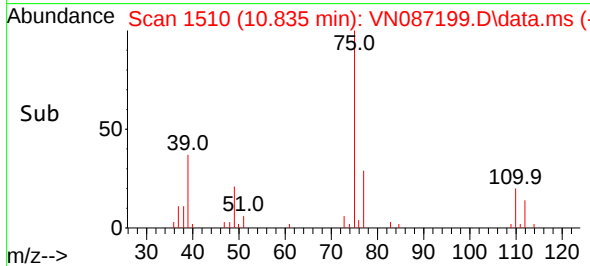
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 1685
Ion Ratio Lower Upper
75 100
77 29.3 24.6 37.0

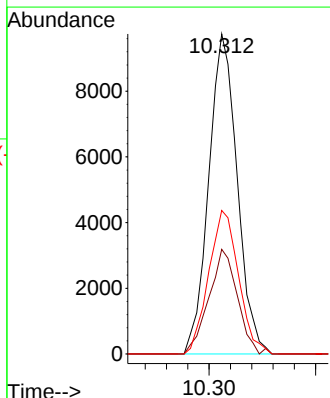
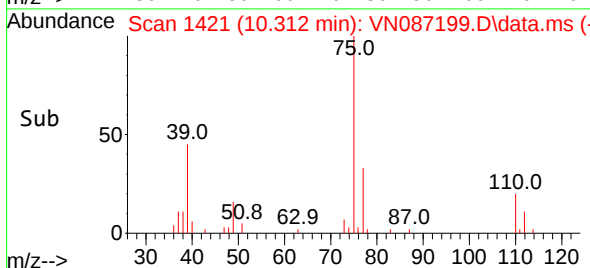
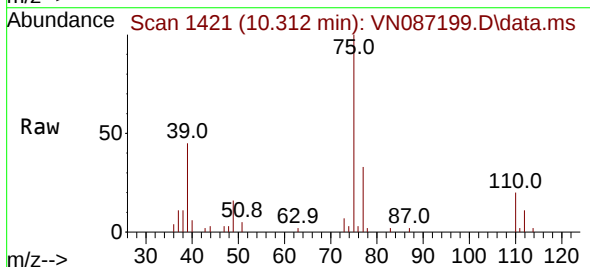
Manual Integrations
APPROVED

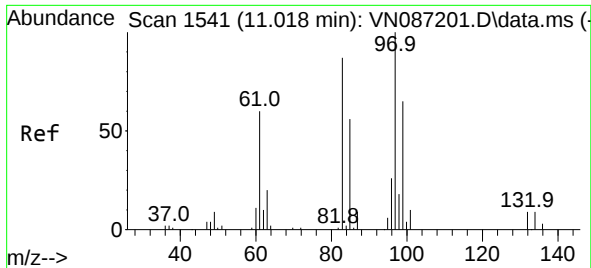
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#54
cis-1,3-Dichloropropene
Concen: 4.901 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

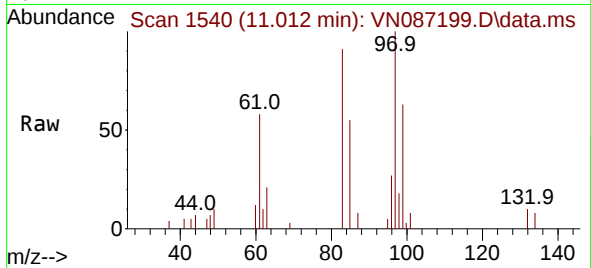
Tgt Ion: 75 Resp: 18059
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.2
39 44.9 34.9 52.3





#55
1,1,2-Trichloroethane
Concen: 4.933 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

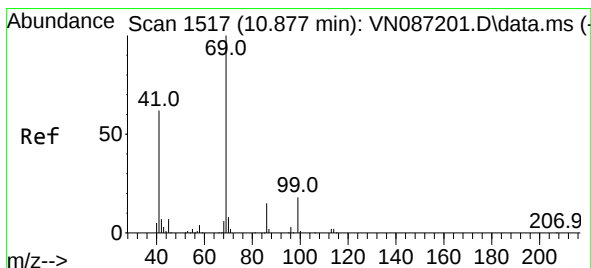
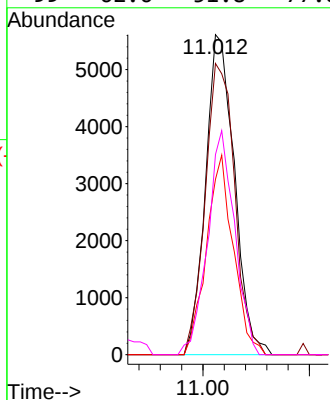
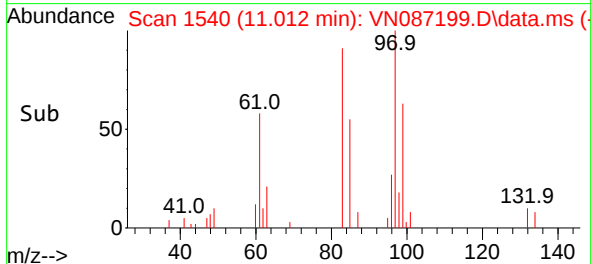
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



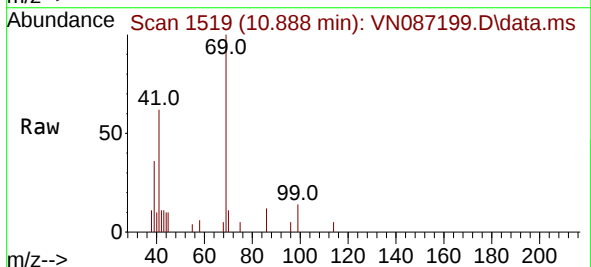
Tgt Ion:	97	Resp:	10558
Ion	Ratio	Lower	Upper
97	100		
83	91.0	69.5	104.3
85	54.8	44.7	67.1
99	62.6	51.8	77.8

Manual Integrations
APPROVED

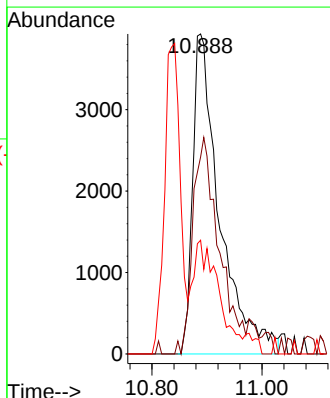
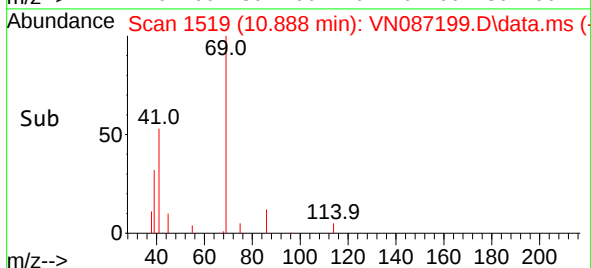
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

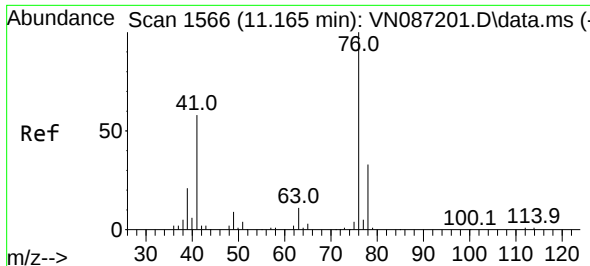


#56
Ethyl methacrylate
Concen: 3.119 ug/l
RT: 10.888 min Scan# 1519
Delta R.T. 0.011 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15



Tgt Ion:	69	Resp:	13372
Ion	Ratio	Lower	Upper
69	100		
41	65.7	48.4	72.6
39	27.9	24.1	36.1





#57

1,3-Dichloropropane

Concen: 4.999 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN087199.D

Acq: 26 Jun 2025 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 1890

Ion Ratio Lower Upper

76 100

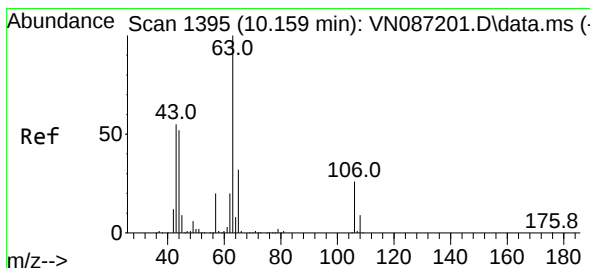
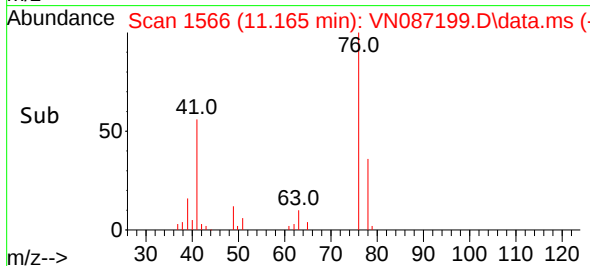
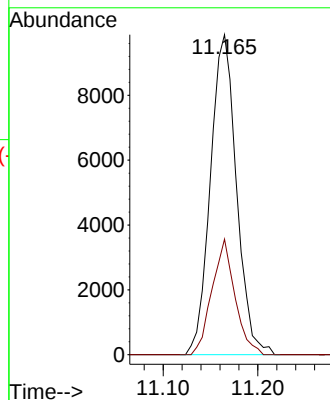
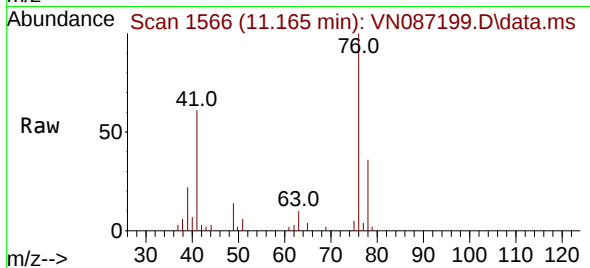
78 31.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#58

2-Chloroethyl Vinyl ether

Concen: 18.857 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN087199.D

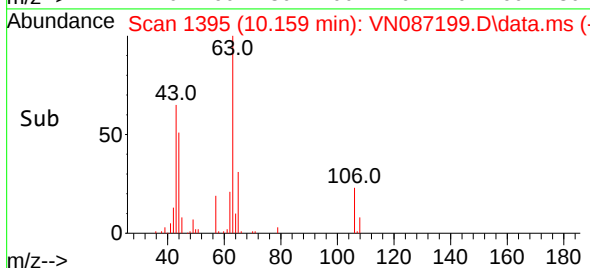
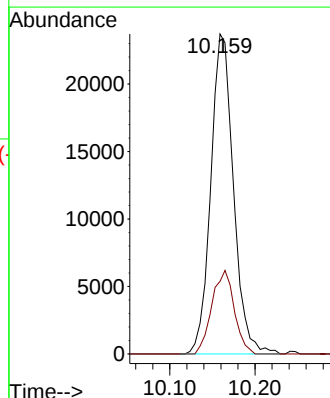
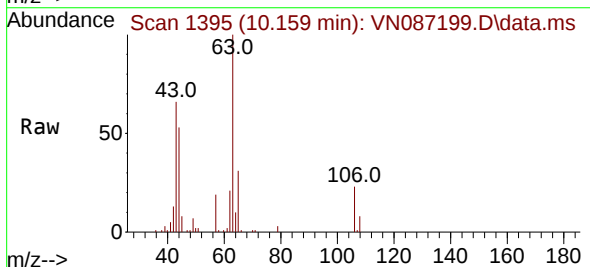
Acq: 26 Jun 2025 17:15

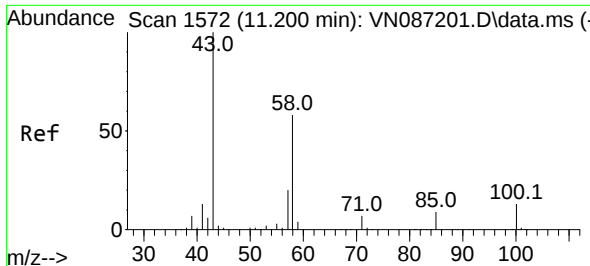
Tgt Ion: 63 Resp: 43816

Ion Ratio Lower Upper

63 100

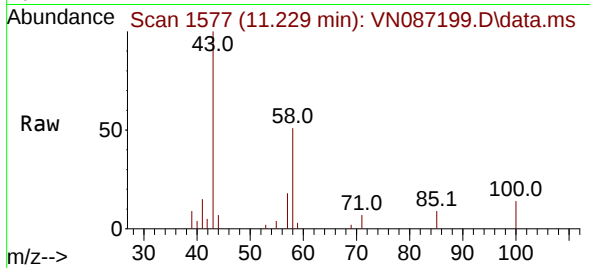
106 25.8 21.7 32.5





#59
2-Hexanone
Concen: 24.815 ug/l m
RT: 11.229 min Scan# 1577
Delta R.T. 0.029 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

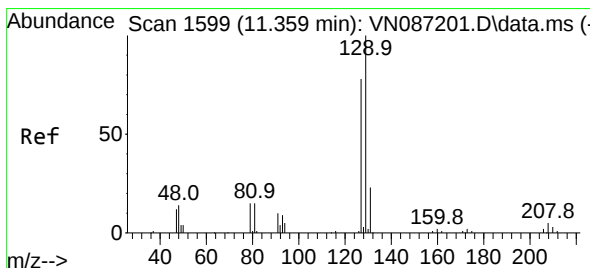
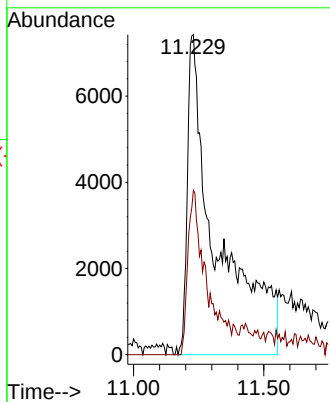
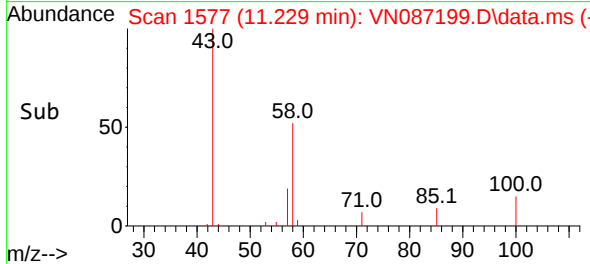
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 58150
Ion Ratio Lower Upper
43 100
58 24.5 31.1 93.3

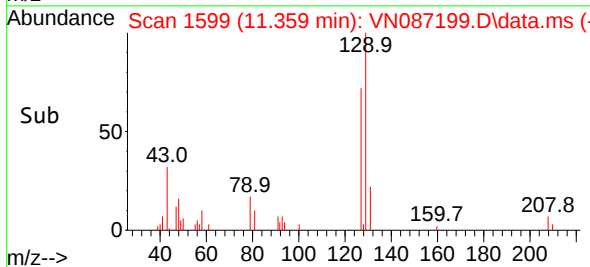
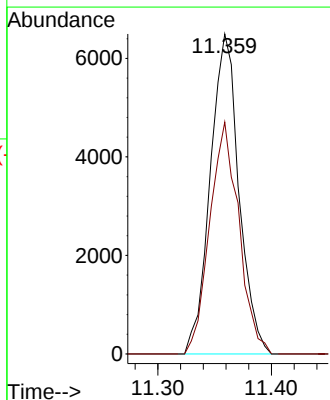
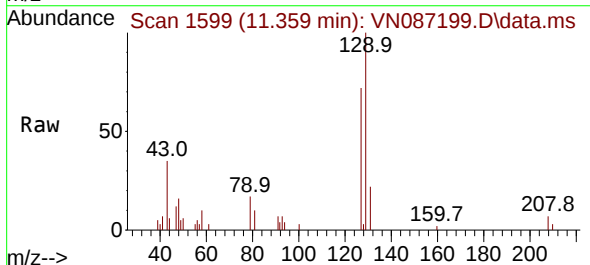
Manual Integrations
APPROVED

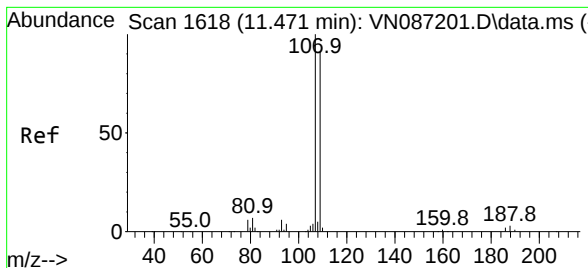
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#60
Dibromochloromethane
Concen: 4.900 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Tgt Ion:129 Resp: 11406
Ion Ratio Lower Upper
129 100
127 73.6 38.9 116.6





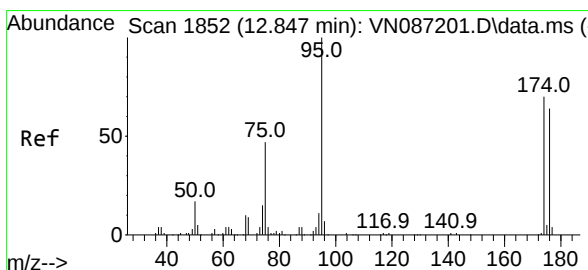
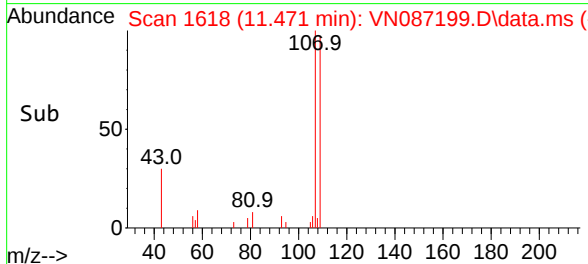
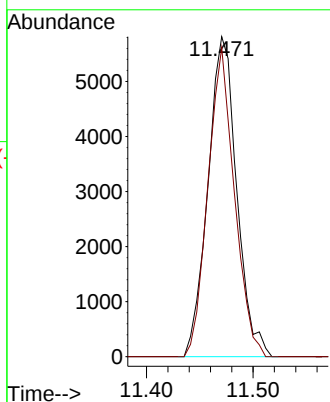
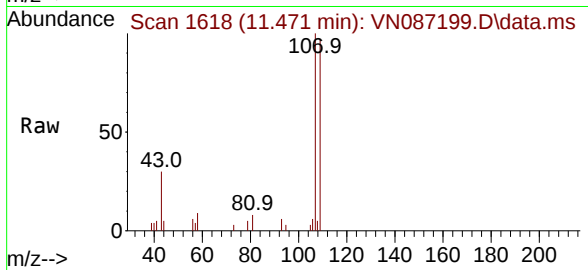
#61
1,2-Dibromoethane
Concen: 4.816 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 10890
Ion Ratio Lower Upper
107 100
109 89.0 74.4 111.6

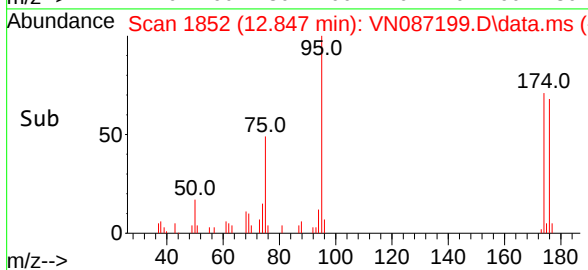
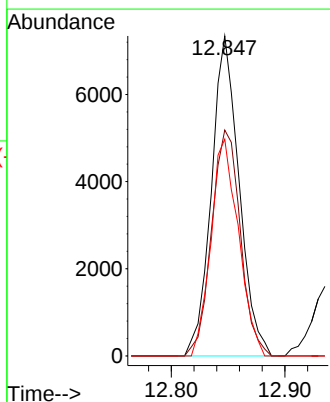
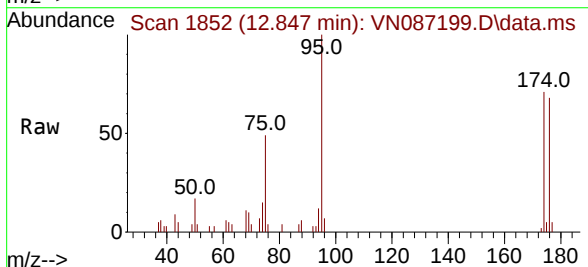
Manual Integrations
APPROVED

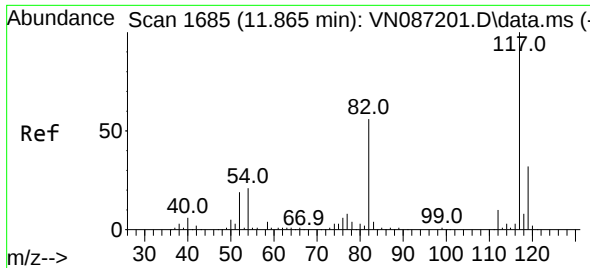
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#62
4-Bromofluorobenzene
Concen: 4.426 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

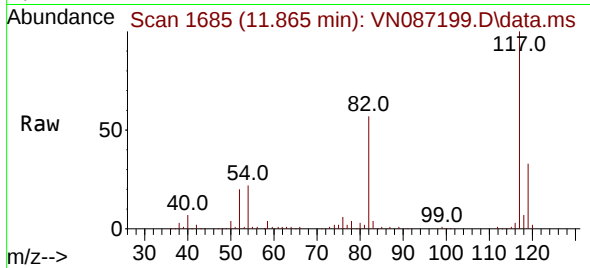
Tgt Ion: 95 Resp: 12425
Ion Ratio Lower Upper
95 100
174 73.1 0.0 142.2
176 67.5 0.0 134.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

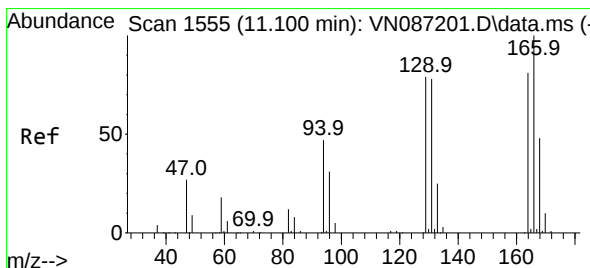
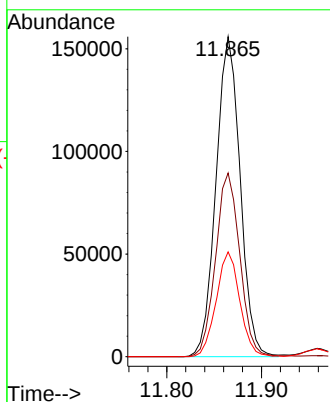
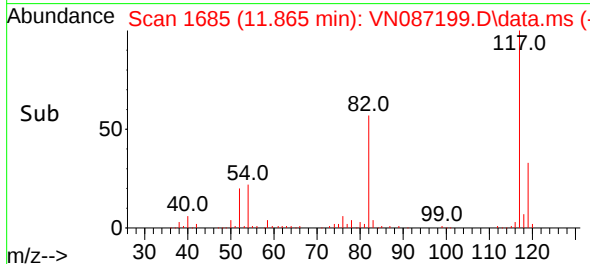
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



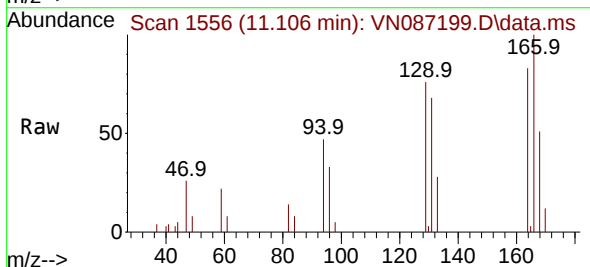
Tgt Ion:117 Resp: 27685
Ion Ratio Lower Upper
117 100
82 57.4 45.0 67.4
119 32.8 25.9 38.9

Manual Integrations
APPROVED

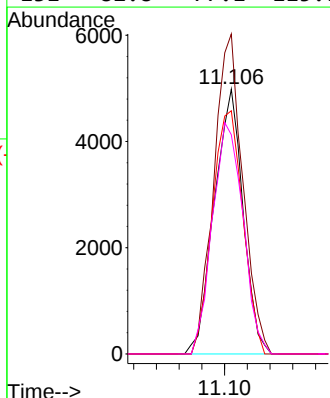
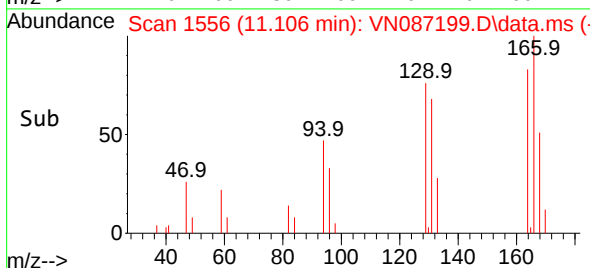
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

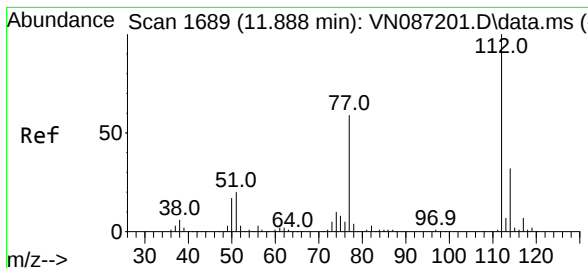


#64
Tetrachloroethene
Concen: 5.164 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15



Tgt Ion:164 Resp: 8751
Ion Ratio Lower Upper
164 100
166 120.8 98.8 148.2
129 91.8 78.3 117.5
131 82.8 77.1 115.7





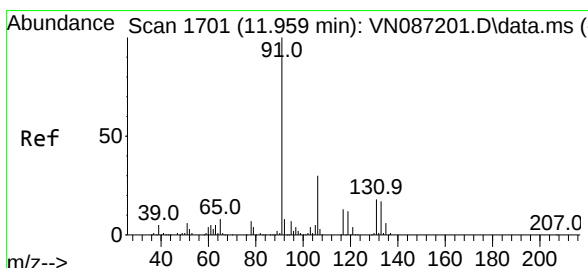
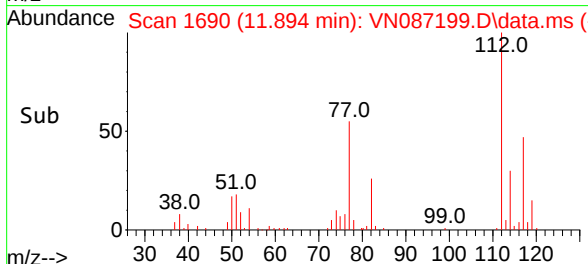
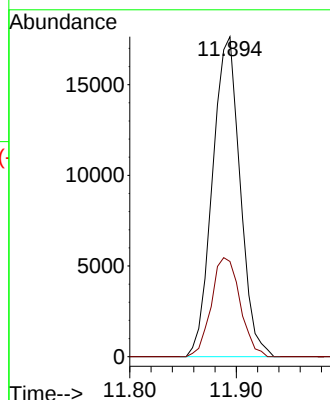
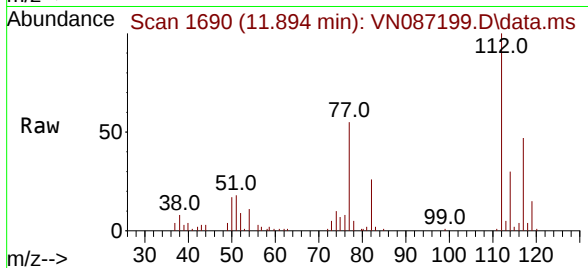
#65
Chlorobenzene
Concen: 5.174 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. 0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 31770
Ion Ratio Lower Upper
112 100
114 29.8 25.7 38.5

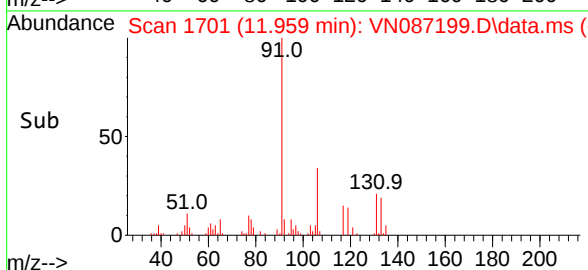
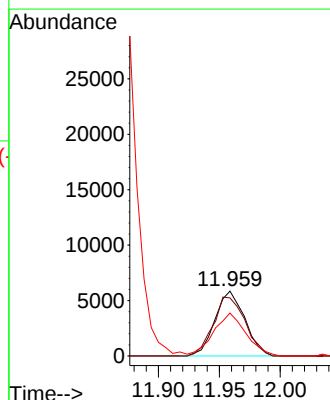
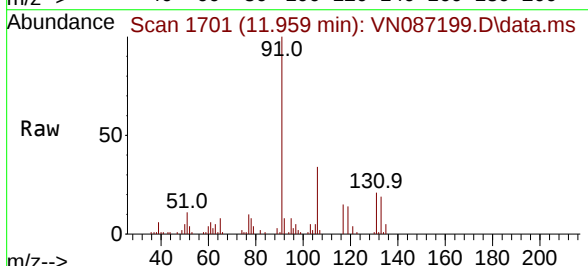
Manual Integrations
APPROVED

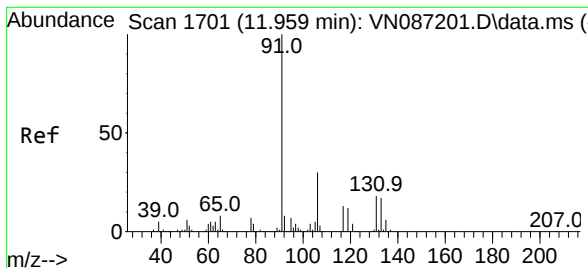
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 5.081 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Tgt Ion:131 Resp: 9966
Ion Ratio Lower Upper
131 100
133 97.6 47.9 143.6
119 71.7 34.6 103.9





#67

Ethyl Benzene

Concen: 4.933 ug/l

RT: 11.965 min Scan# 1719

Delta R.T. 0.006 min

Lab File: VN087199.D

Acq: 26 Jun 2025 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 50524

Ion Ratio Lower Upper

91 100

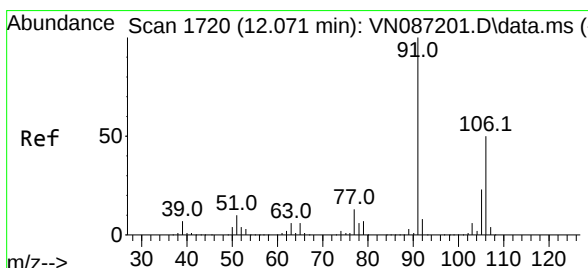
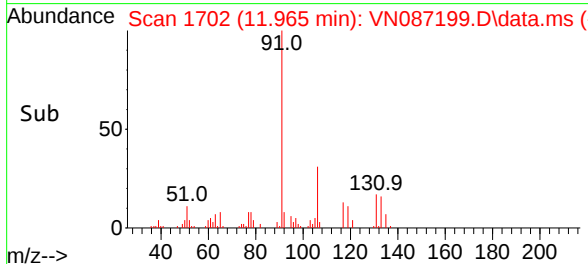
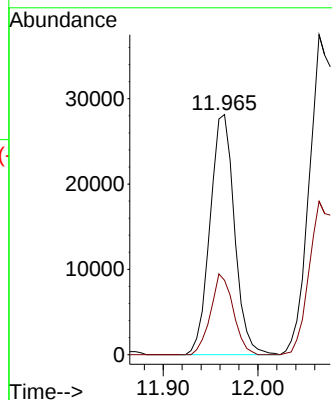
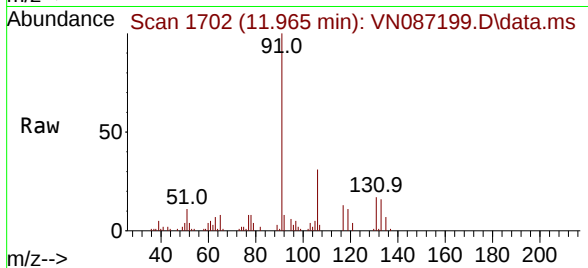
106 30.9 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#68

m/p-Xylenes

Concen: 9.431 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN087199.D

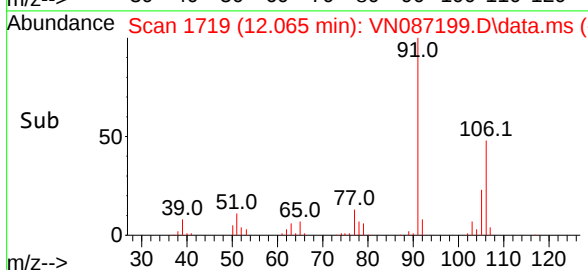
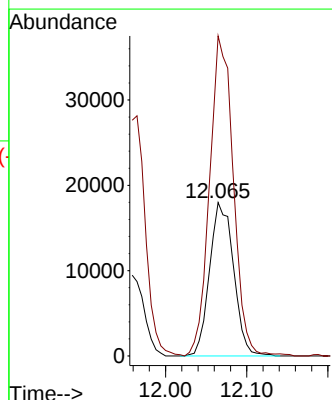
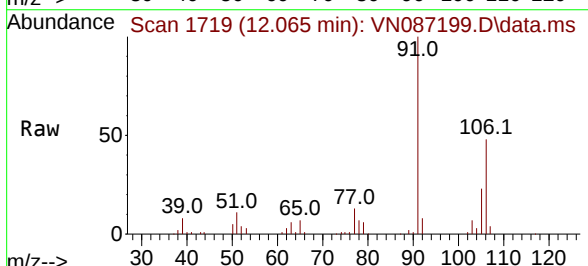
Acq: 26 Jun 2025 17:15

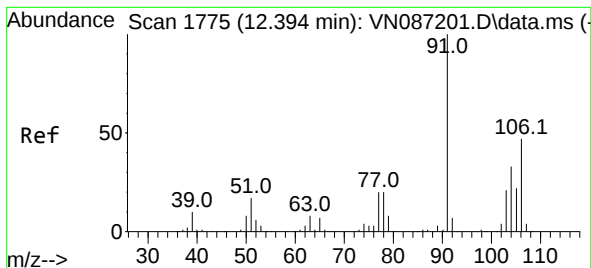
Tgt Ion:106 Resp: 36956

Ion Ratio Lower Upper

106 100

91 206.4 161.0 241.6





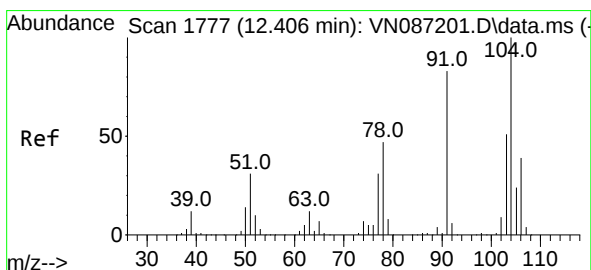
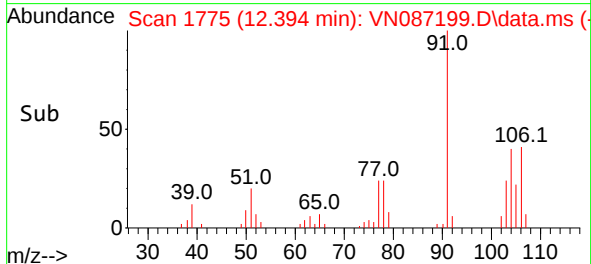
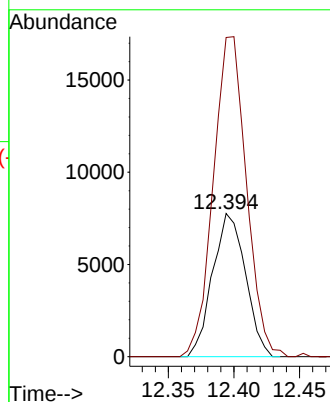
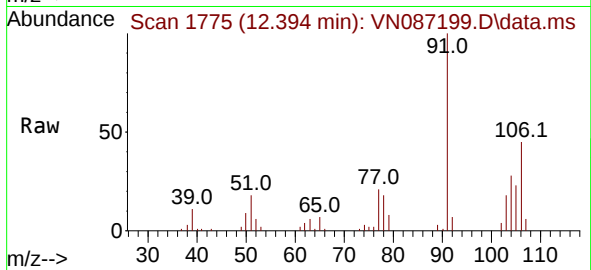
#69
o-Xylene
Concen: 3.798 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 13529
Ion Ratio Lower Upper
106 100
91 225.2 106.7 320.1

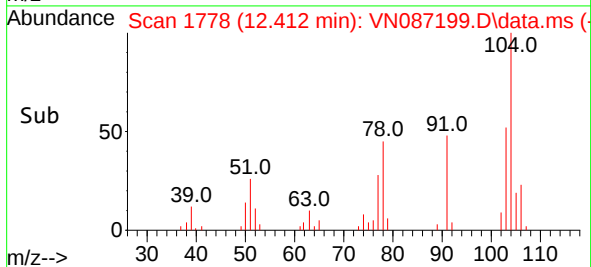
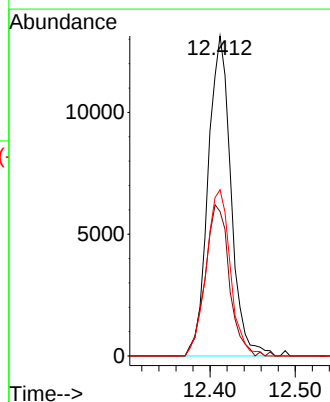
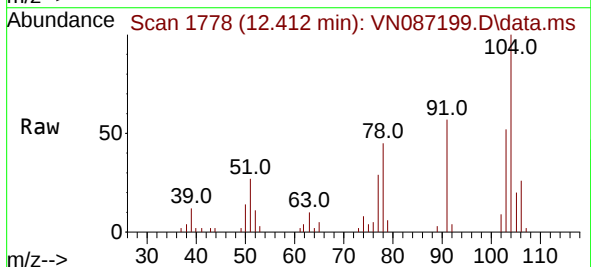
Manual Integrations
APPROVED

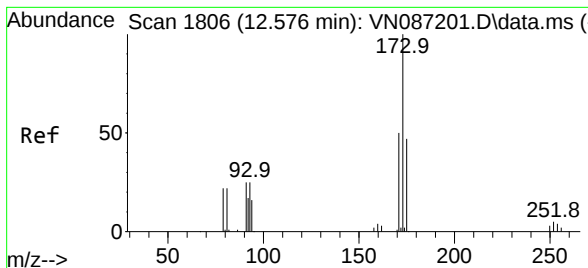
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#70
Styrene
Concen: 4.001 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Tgt Ion:104 Resp: 24461
Ion Ratio Lower Upper
104 100
78 50.0 39.3 58.9
103 54.6 43.8 65.6





#71

Bromoform

Concen: 4.860 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN087199.D

Acq: 26 Jun 2025 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

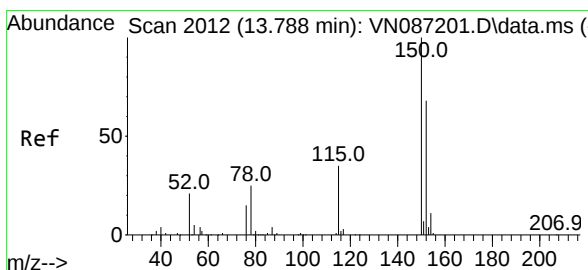
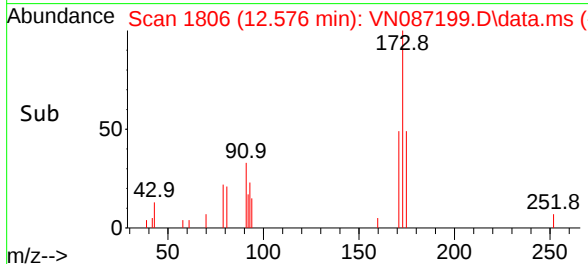
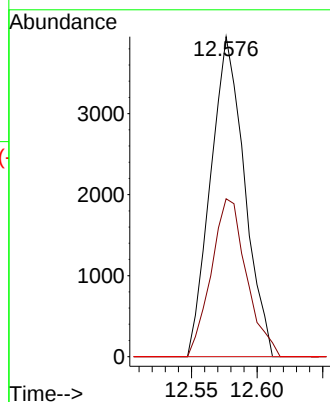
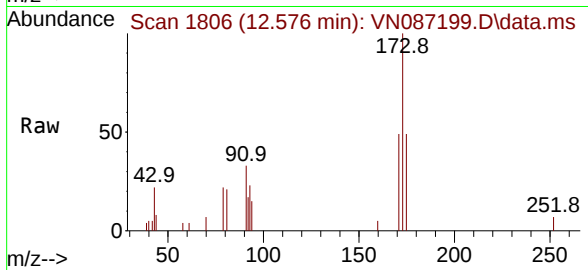
Tgt Ion:	173	Resp:	7079
Ion Ratio	Lower	Upper	
173	100		
175	51.3	23.8	71.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

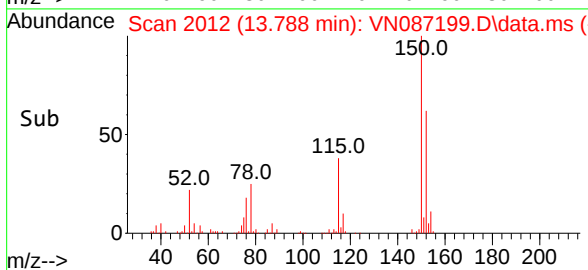
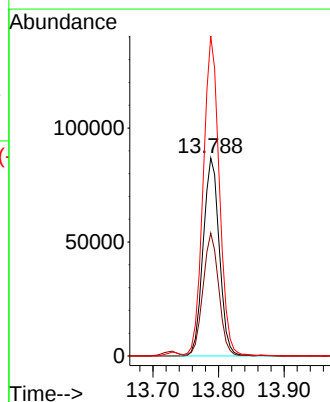
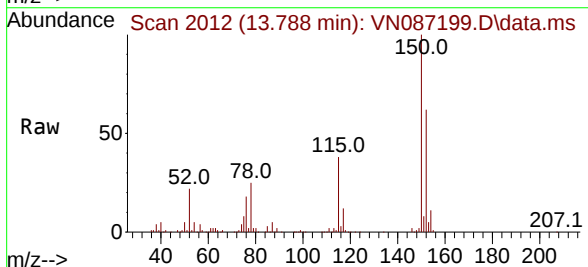
RT: 13.788 min Scan# 2012

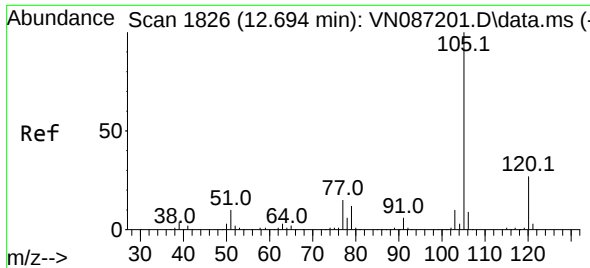
Delta R.T. 0.000 min

Lab File: VN087199.D

Acq: 26 Jun 2025 17:15

Tgt Ion:	152	Resp:	149054
Ion Ratio	Lower	Upper	
152	100		
115	60.8	30.6	91.8
150	159.7	0.0	347.8





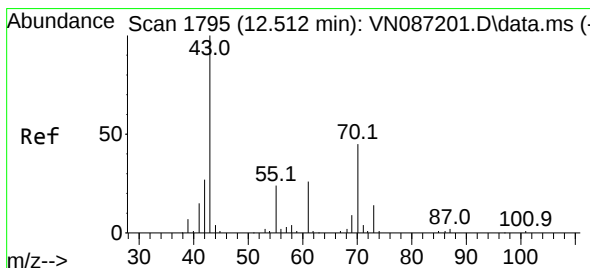
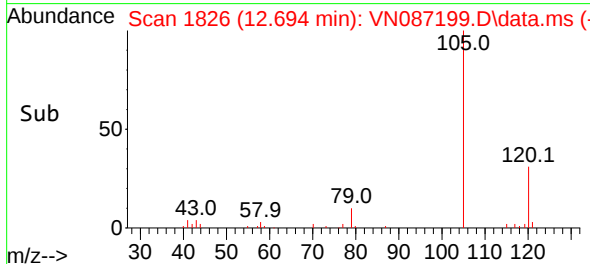
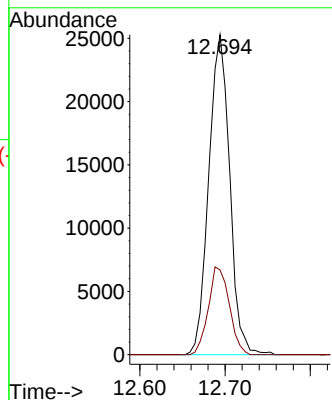
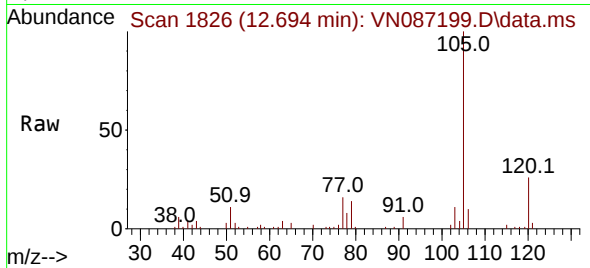
#73
Isopropylbenzene
Concen: 4.277 ug/l
RT: 12.694 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 4315
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.2

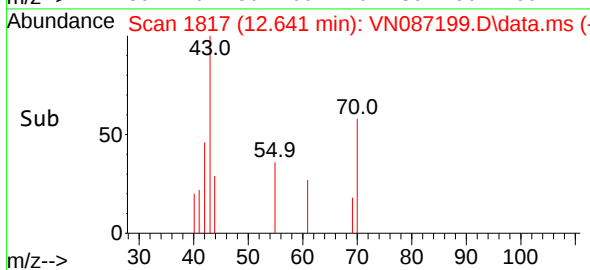
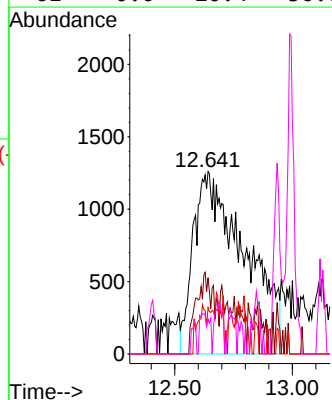
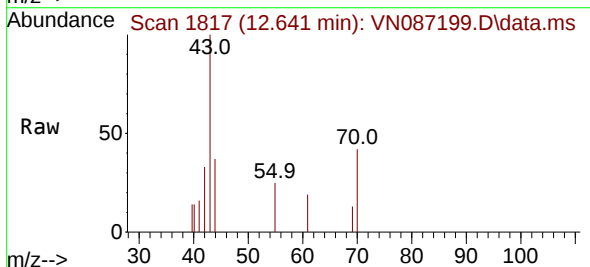
Manual Integrations
APPROVED

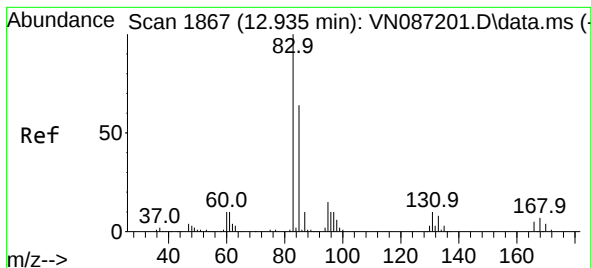
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#74
N-ethyl acetate
Concen: 5.129 ug/l m
RT: 12.641 min Scan# 1817
Delta R.T. 0.129 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

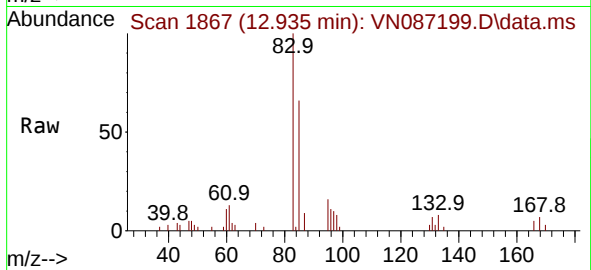
Tgt Ion: 43 Resp: 19124
Ion Ratio Lower Upper
43 100
70 0.0 32.8 49.2#
55 0.0 16.4 24.6#
61 0.0 20.4 30.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 4.962 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

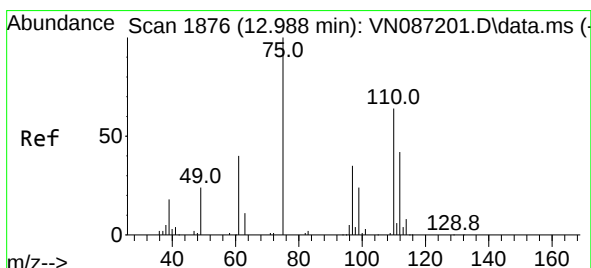
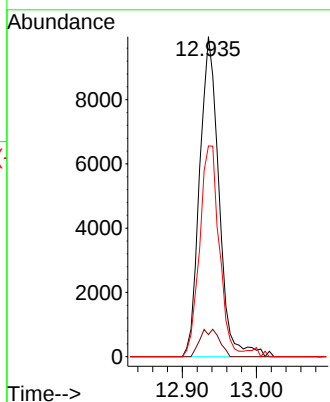
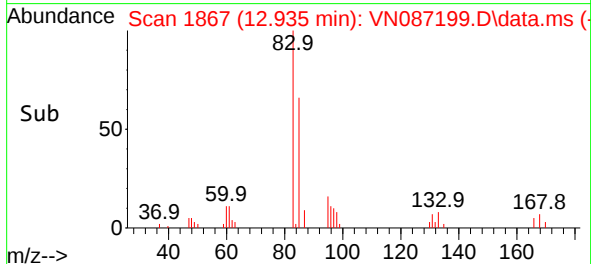
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 1803
Ion Ratio Lower Upper
83 100
131 8.6 4.8 14.4
85 67.0 32.1 96.5

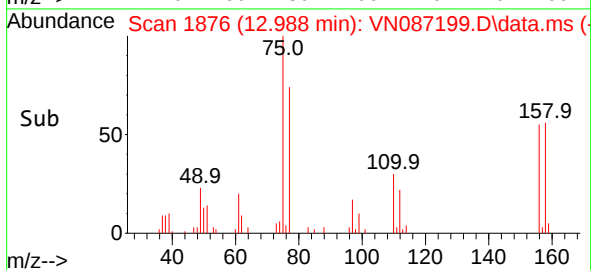
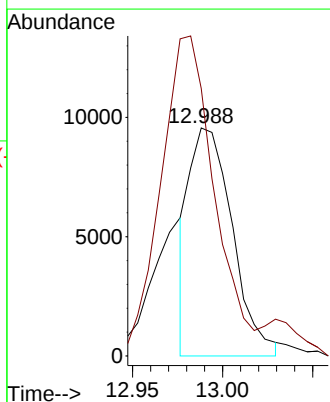
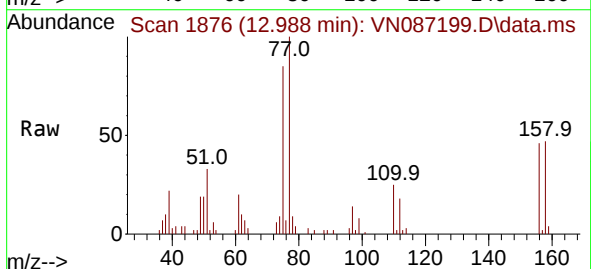
Manual Integrations
APPROVED

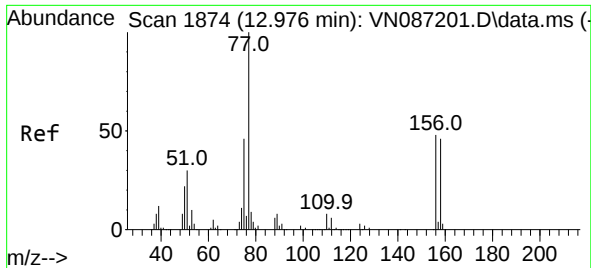
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#76
1,2,3-Trichloropropane
Concen: 4.510 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Tgt Ion: 75 Resp: 15814
Ion Ratio Lower Upper
75 100
77 175.5 85.5 256.6





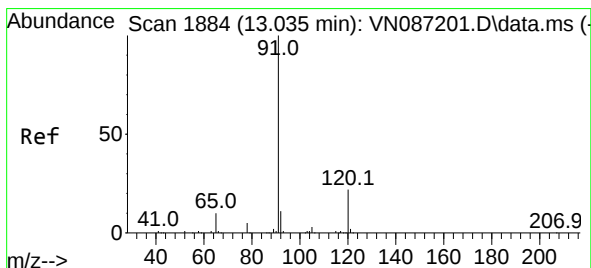
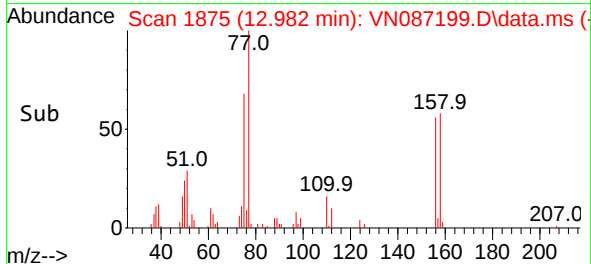
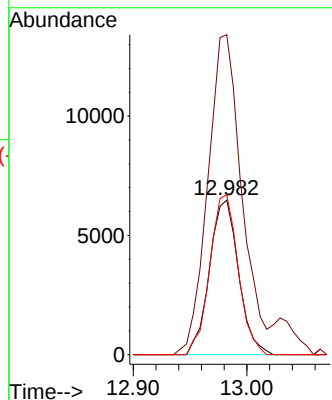
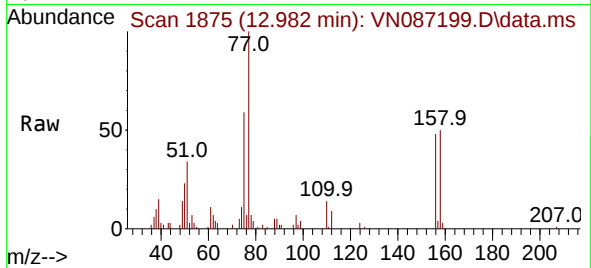
#77
Bromobenzene
Concen: 4.701 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 1152
Ion Ratio Lower Upper
156 100
77 240.7 119.6 358.9
158 100.9 48.6 145.9

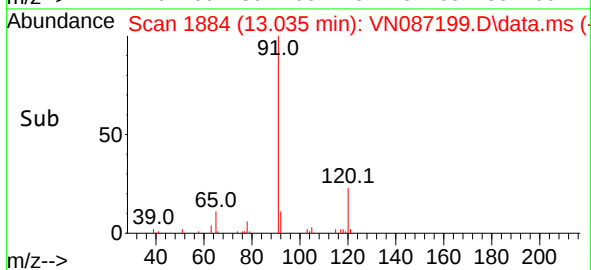
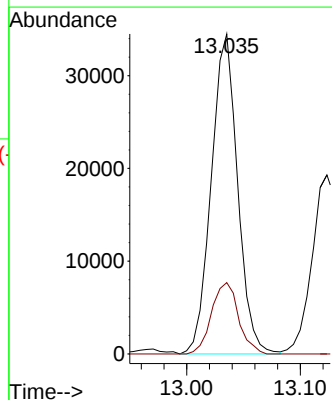
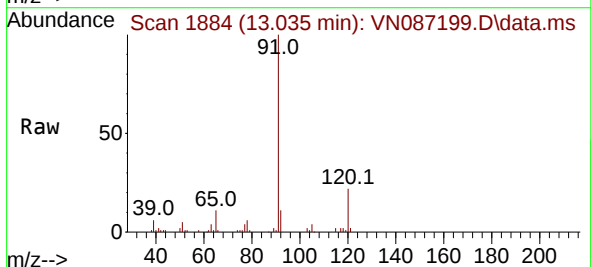
Manual Integrations
APPROVED

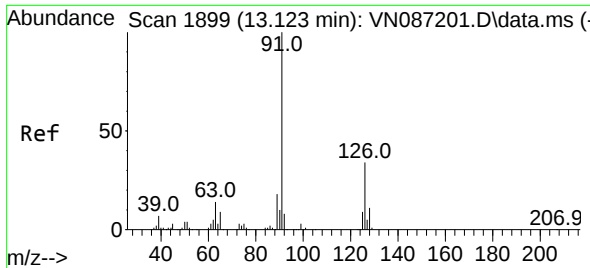
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#78
n-propylbenzene
Concen: 4.472 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Tgt Ion: 91 Resp: 55583
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





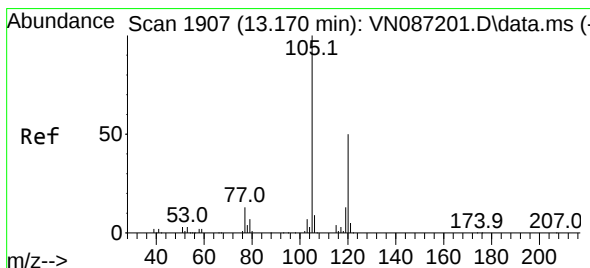
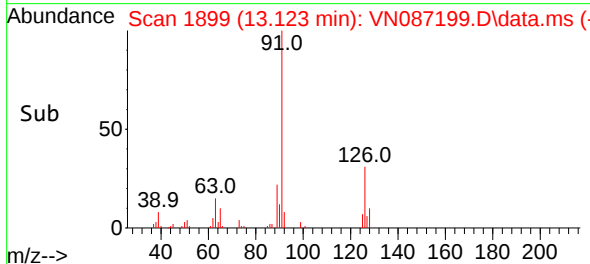
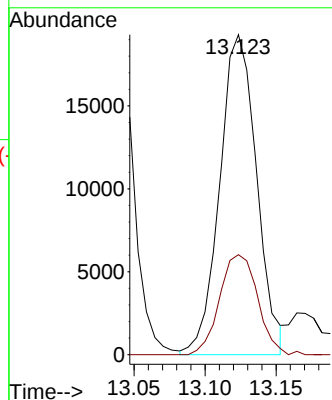
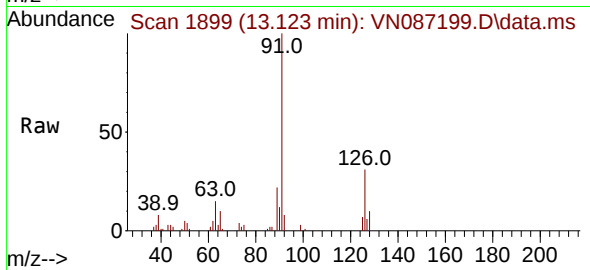
#79
2-Chlorotoluene
Concen: 4.506 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 34860
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.4

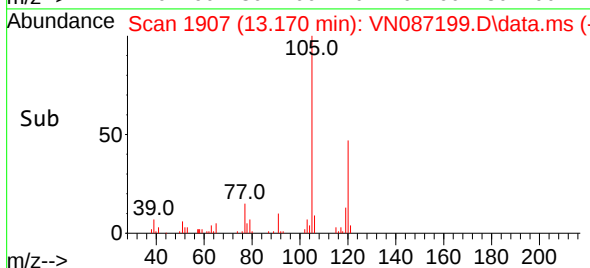
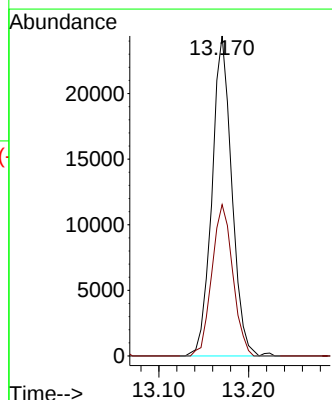
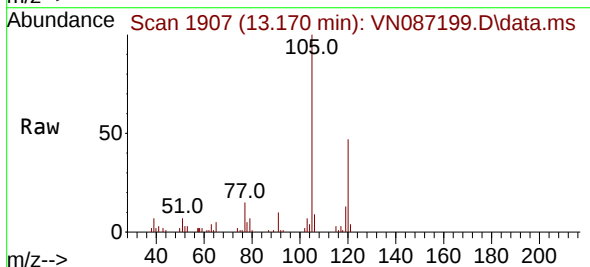
Manual Integrations
APPROVED

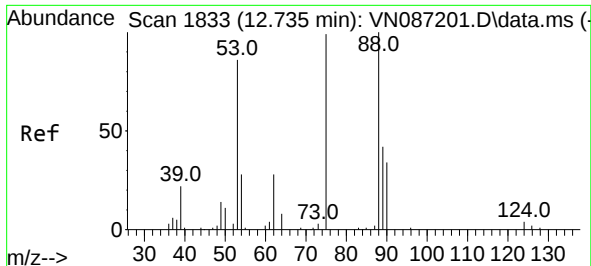
Reviewed By :John Carbone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.497 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Tgt Ion:105 Resp: 37462
Ion Ratio Lower Upper
105 100
120 49.8 25.1 75.3





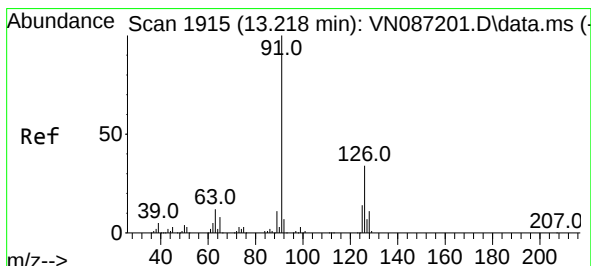
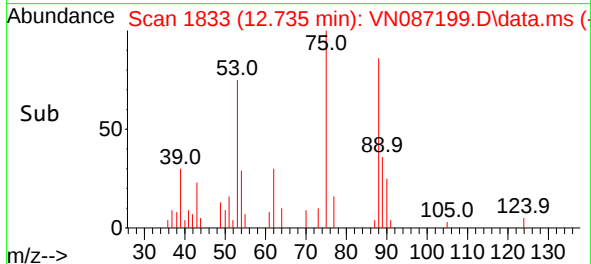
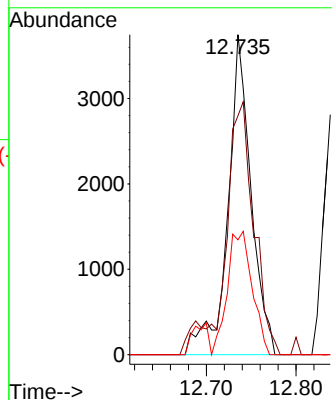
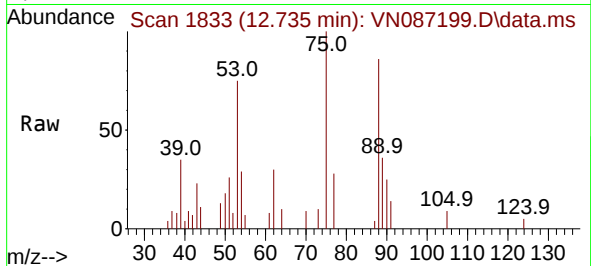
#81
trans-1,4-Dichloro-2-butene
Concen: 4.543 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 6732
Ion Ratio Lower Upper
75 100
53 89.0 71.4 107.0
89 41.3 37.9 56.9

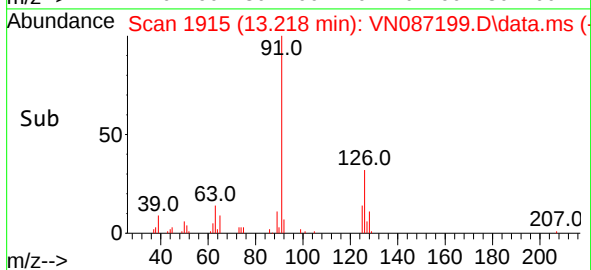
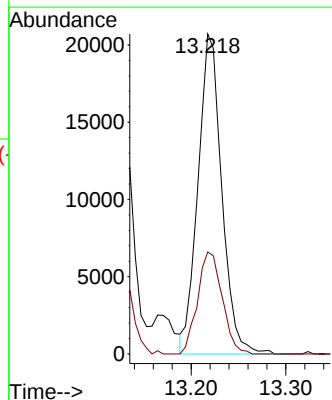
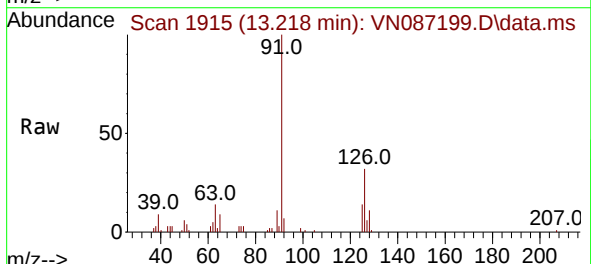
Manual Integrations
APPROVED

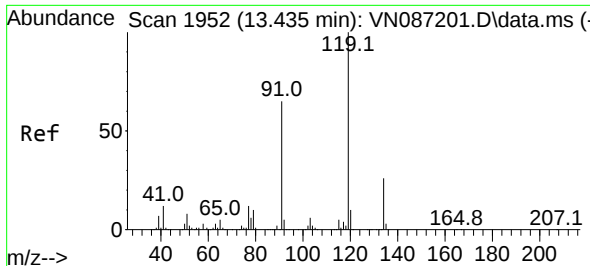
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#82
4-Chlorotoluene
Concen: 4.679 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

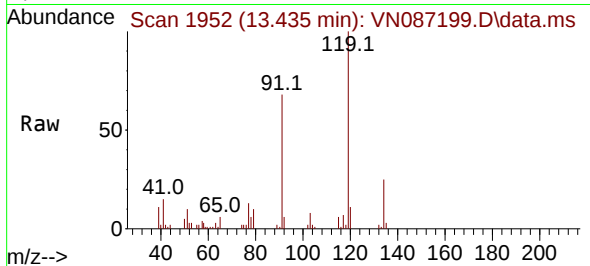
Tgt Ion: 91 Resp: 36088
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.1





#83
tert-Butylbenzene
Concen: 4.677 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

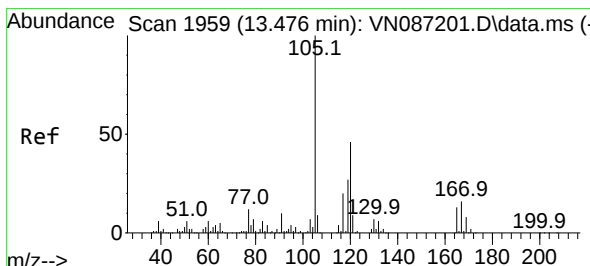
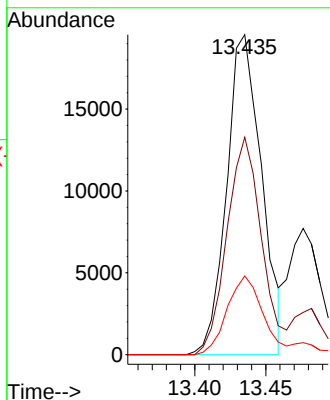
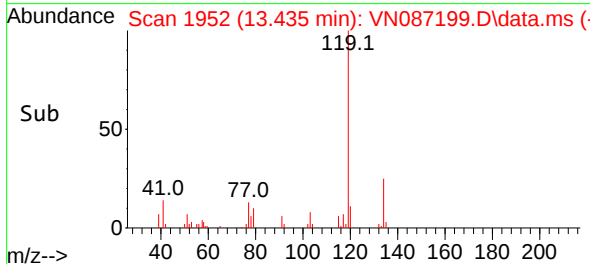
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



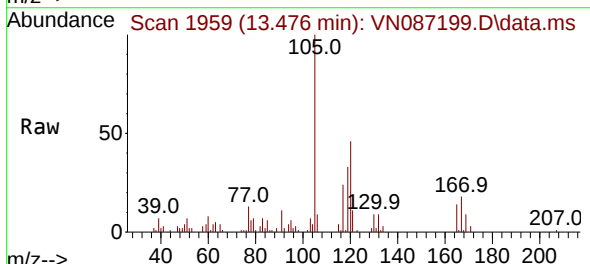
Tgt Ion:119 Resp: 3346
Ion Ratio Lower Upper
119 100
91 67.6 32.9 98.7
134 25.0 13.5 40.4

Manual Integrations
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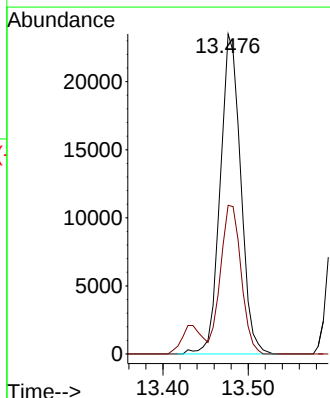
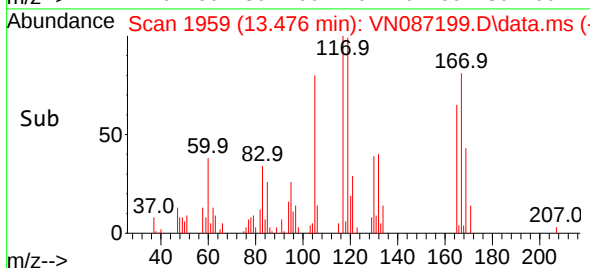
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

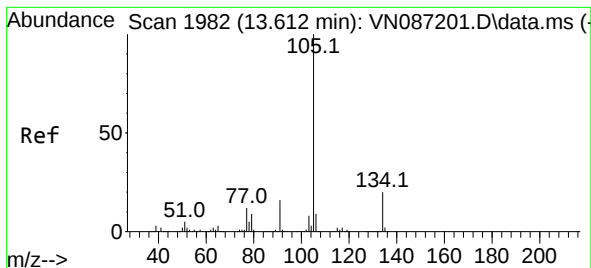


#84
1,2,4-Trimethylbenzene
Concen: 4.628 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15



Tgt Ion:105 Resp: 39118
Ion Ratio Lower Upper
105 100
120 46.8 22.9 68.8





#85

sec-Butylbenzene

Concen: 4.806 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN087199.D

Acq: 26 Jun 2025 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 5066

Ion Ratio Lower Upper

105 100

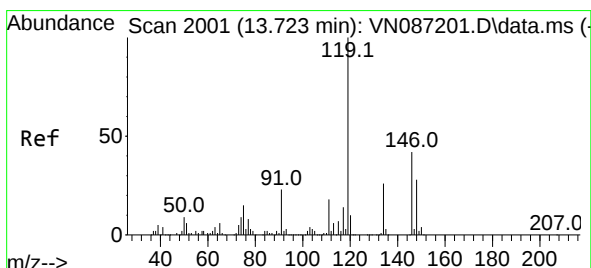
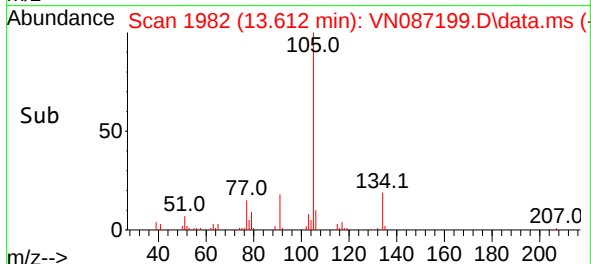
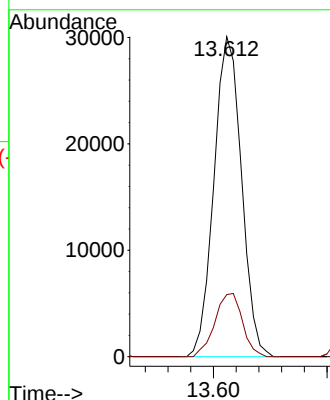
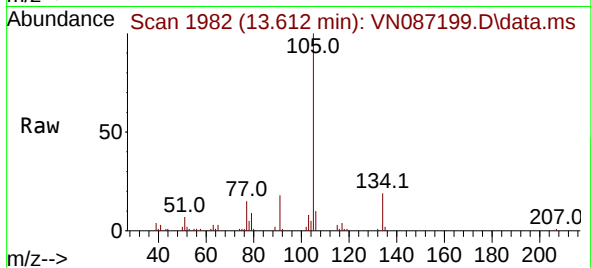
134 19.8 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#86

p-Isopropyltoluene

Concen: 4.697 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VN087199.D

Acq: 26 Jun 2025 17:15

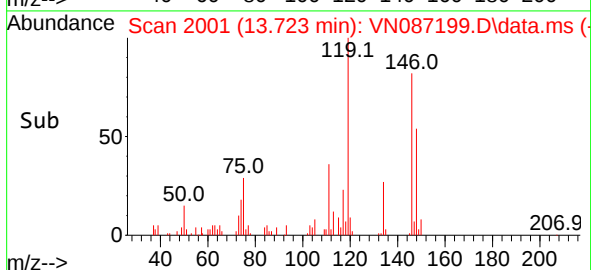
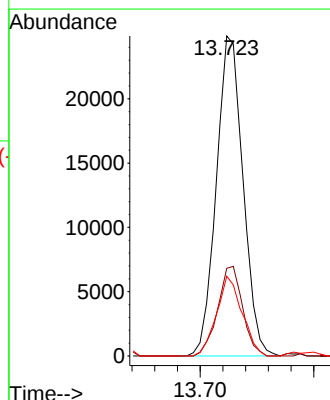
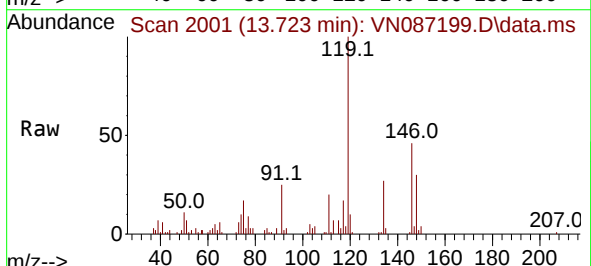
Tgt Ion:119 Resp: 40612

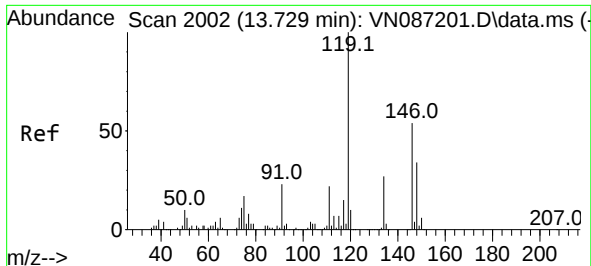
Ion Ratio Lower Upper

119 100

134 26.1 13.4 40.1

91 23.8 11.5 34.4





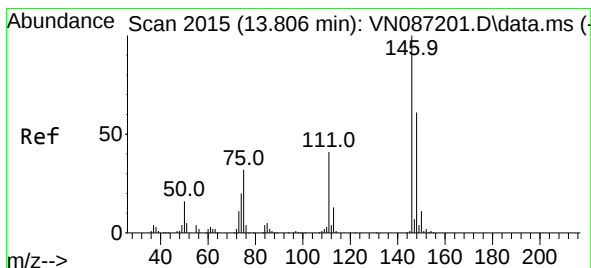
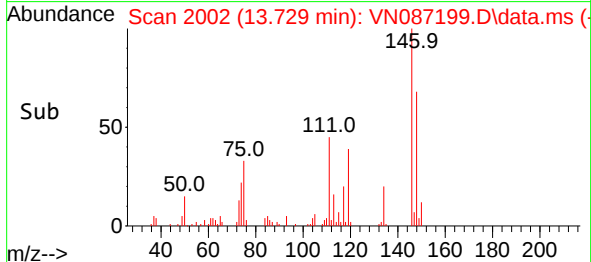
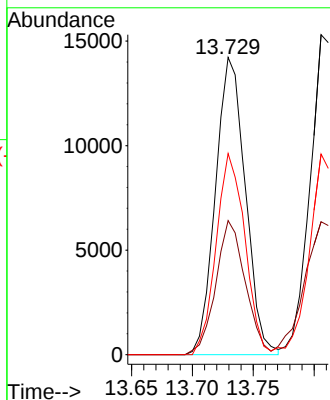
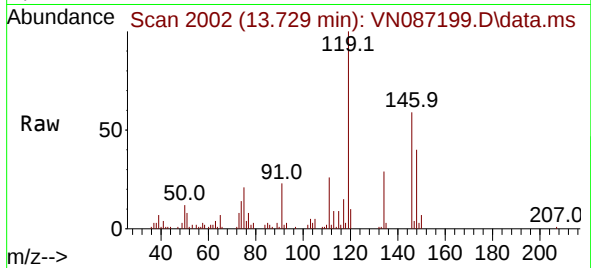
#87
1,3-Dichlorobenzene
Concen: 4.929 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 2432
Ion Ratio Lower Upper
146 100
111 44.4 21.1 63.4
148 65.0 32.0 96.2

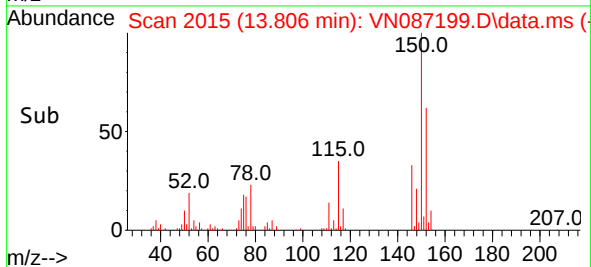
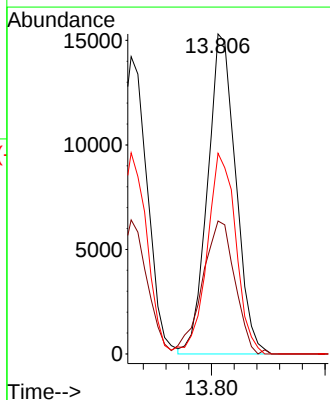
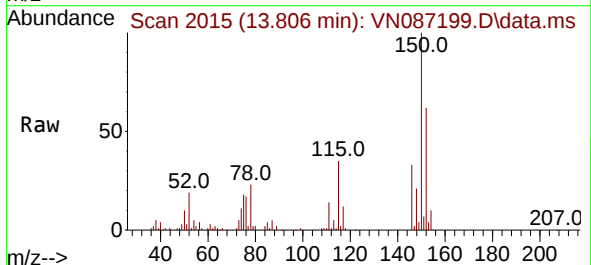
Manual Integrations
APPROVED

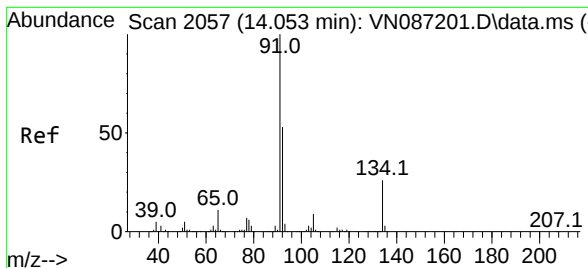
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#88
1,4-Dichlorobenzene
Concen: 5.203 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Tgt Ion:146 Resp: 26400
Ion Ratio Lower Upper
146 100
111 48.0 19.9 59.6
148 63.8 31.4 94.0





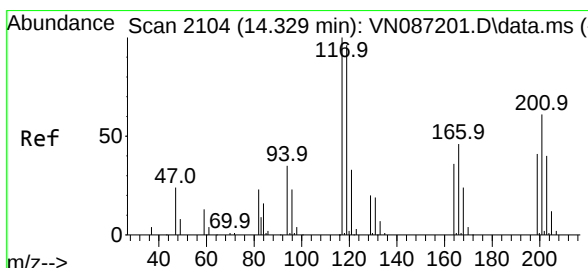
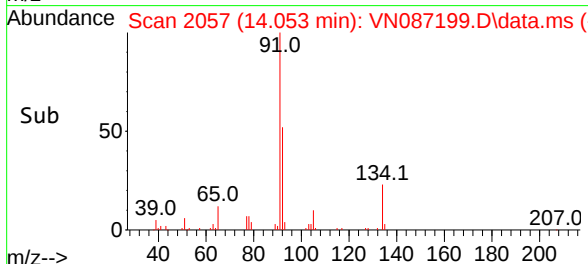
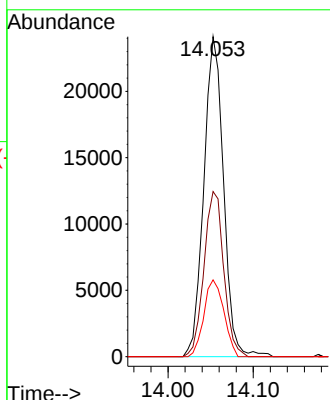
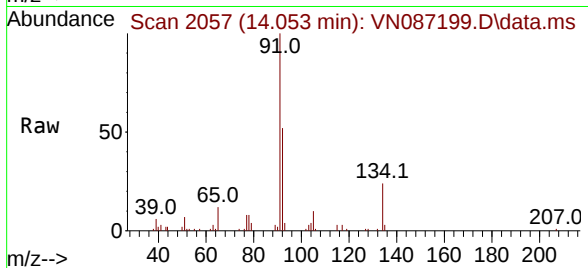
#89
n-Butylbenzene
Concen: 4.829 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 38794
Ion Ratio Lower Upper
91 100
92 51.8 26.9 80.7
134 24.3 12.8 38.4

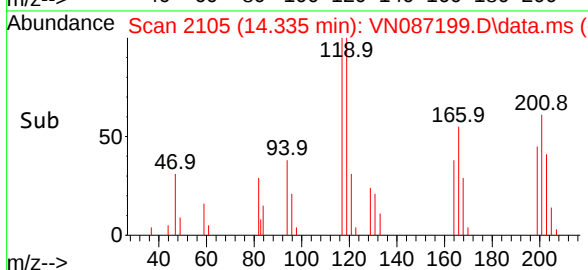
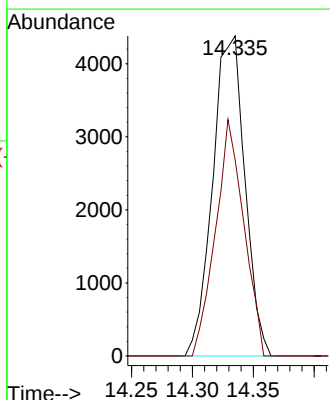
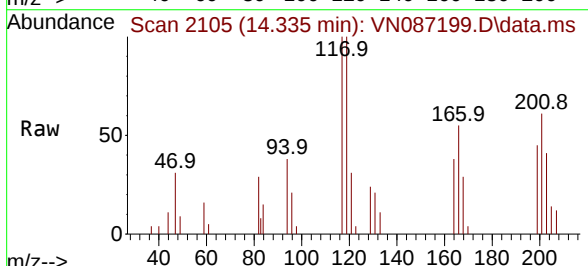
Manual Integrations
APPROVED

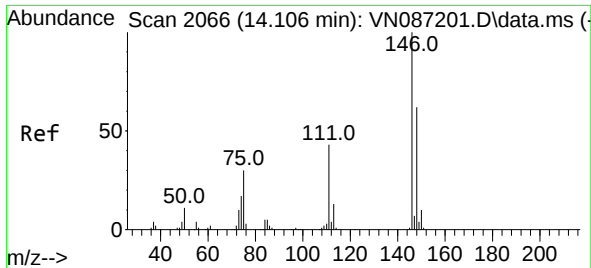
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#90
Hexachloroethane
Concen: 4.829 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Tgt Ion:117 Resp: 8080
Ion Ratio Lower Upper
117 100
201 64.8 31.8 95.3





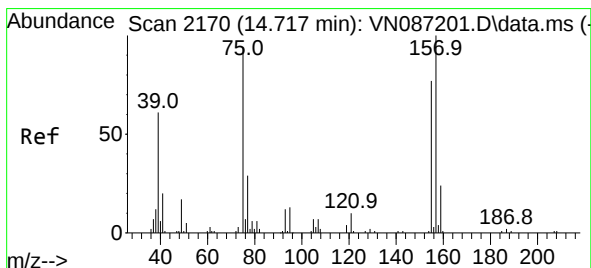
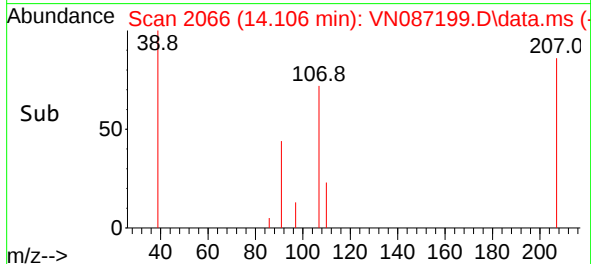
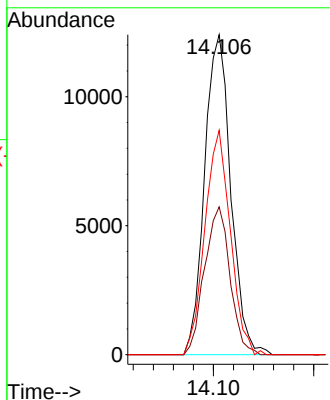
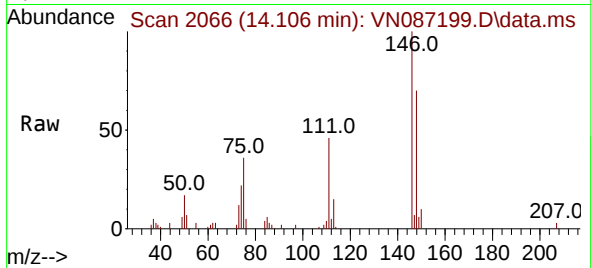
#91
1,2-Dichlorobenzene
Concen: 4.849 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 22538
Ion Ratio Lower Upper
146 100
111 45.0 21.4 64.2
148 68.3 31.5 94.5

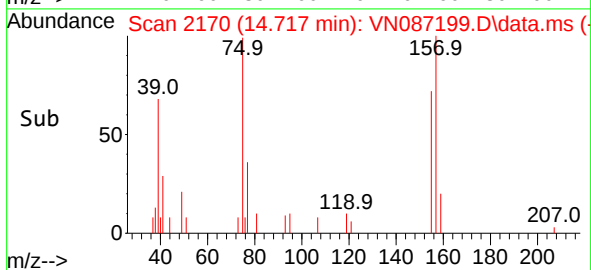
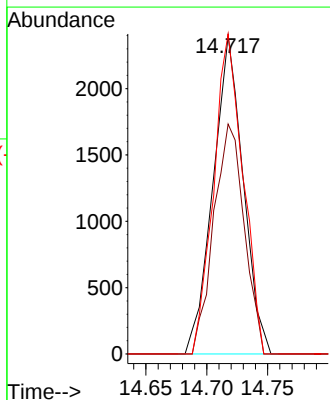
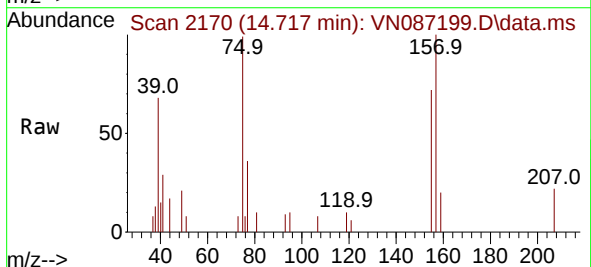
Manual Integrations
APPROVED

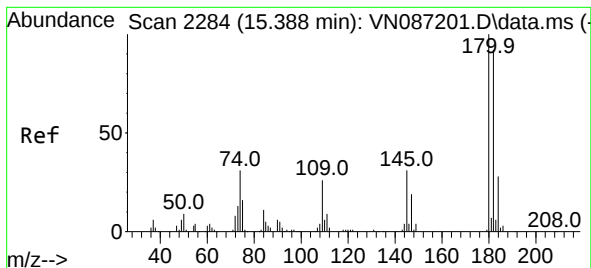
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.961 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN087199.D
Acq: 26 Jun 2025 17:15

Tgt Ion: 75 Resp: 4116
Ion Ratio Lower Upper
75 100
155 73.2 39.4 118.1
157 97.9 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 4.925 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087199.D

Acq: 26 Jun 2025 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

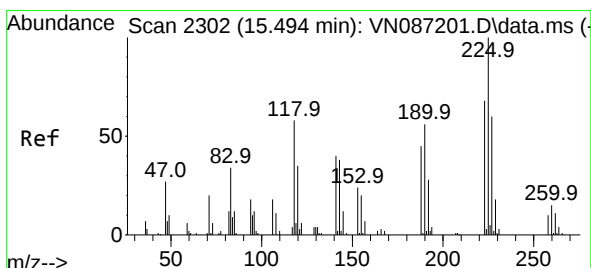
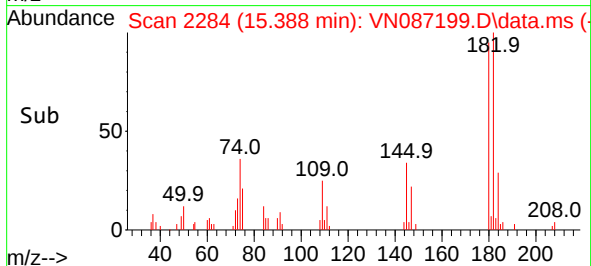
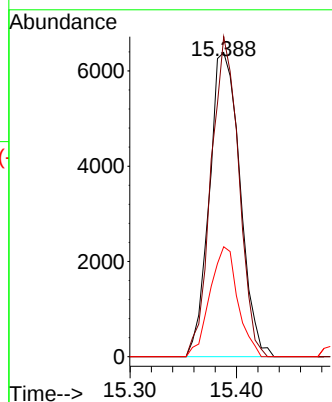
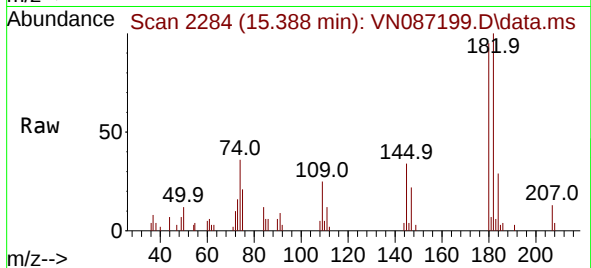
Tgt Ion:180	Resp:	1274
Ion Ratio	Lower	Upper
180	100	
182	94.9	47.1 141.3
145	33.0	16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#94

Hexachlorobutadiene

Concen: 5.388 ug/l

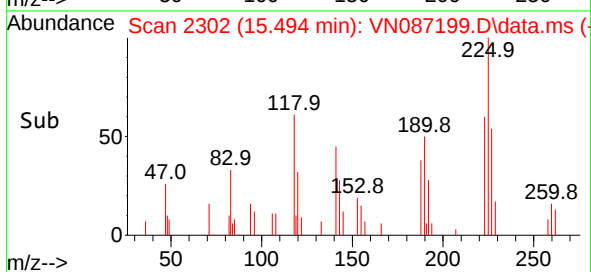
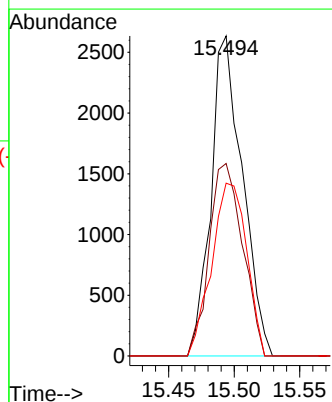
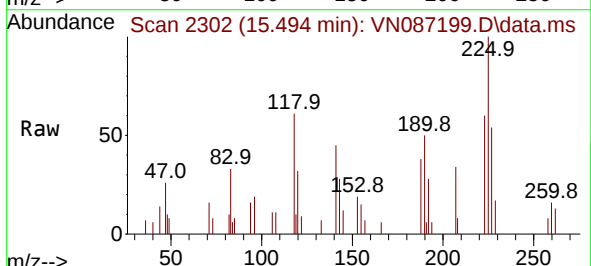
RT: 15.494 min Scan# 2302

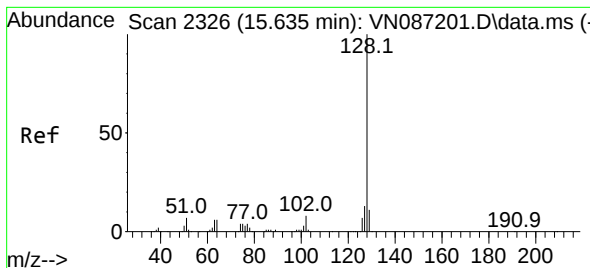
Delta R.T. 0.000 min

Lab File: VN087199.D

Acq: 26 Jun 2025 17:15

Tgt Ion:225	Resp:	4398
Ion Ratio	Lower	Upper
225	100	
223	64.2	32.9 98.6
227	59.9	32.0 96.2





#95

Naphthalene

Concen: 4.449 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN087199.D

Acq: 26 Jun 2025 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

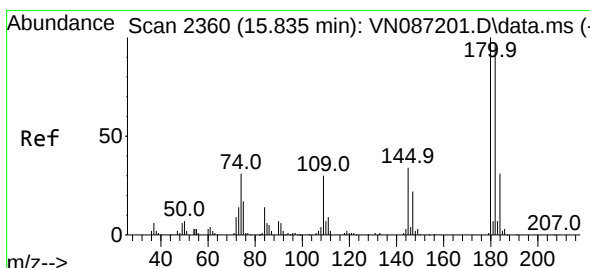
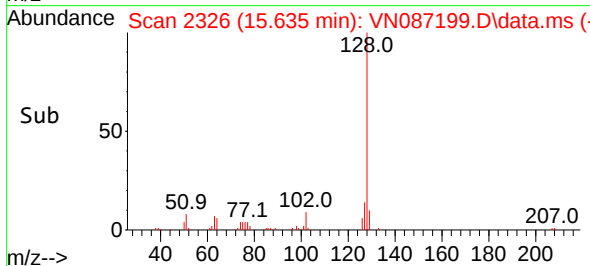
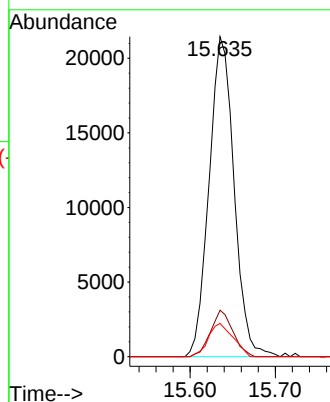
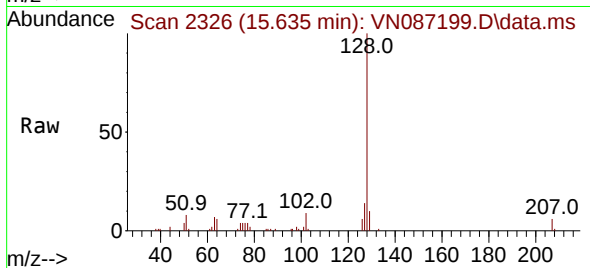
Tgt Ion:	128	Resp:	4366
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.1	15.1
129	10.2	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#96

1,2,3-Trichlorobenzene

Concen: 4.948 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN087199.D

Acq: 26 Jun 2025 17:15

Tgt Ion:	180	Resp:	12641
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.5	142.6
145	33.4	16.9	50.7

